10/817,328

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	DEC 05	CASREACT(R) - Over 10 million reactions available
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NEWS 11	JAN 17	Pre-1988 INPI data added to MARPAT
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NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,
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http://download.cas.org/express/v8.0-Discover/

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
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NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:28:04 ON 20 JAN 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 13:28:14 ON 20 JAN 2006

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 JAN 2006 HIGHEST RN 872163-75-2
DICTIONARY FILE UPDATES: 18 JAN 2006 HIGHEST RN 872163-75-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

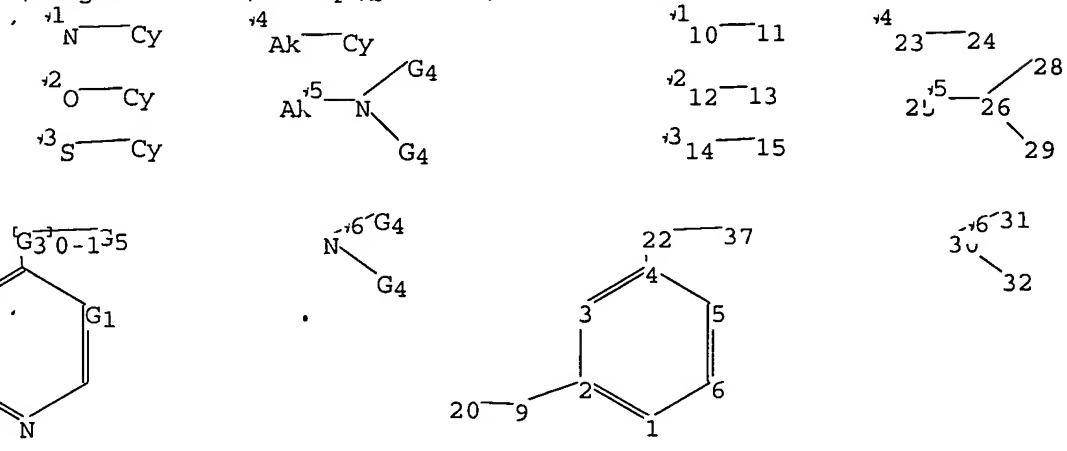
****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10817328.str



chain nodes :
9 10 11 12 13 14 15 20 22 23 24 25 26 28 29 30 31 32 37
ring nodes :
1 2 3 4 5 6

chain bonds :
2-9 4-22 9-20 10-11 12-13 14-15 22-37 23-24 25-26 26-28 26-29 30-31 30-32
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 2-9 3-4 4-5 4-22 5-6 9-20 10-11 12-13 14-15 22-37 23-24 25-26 26-28 26-29 30-31 30-32
isolated ring systems :
containing 1 :

G1:C,N

G2:[*1],[*2],[*3]

G3:O,N

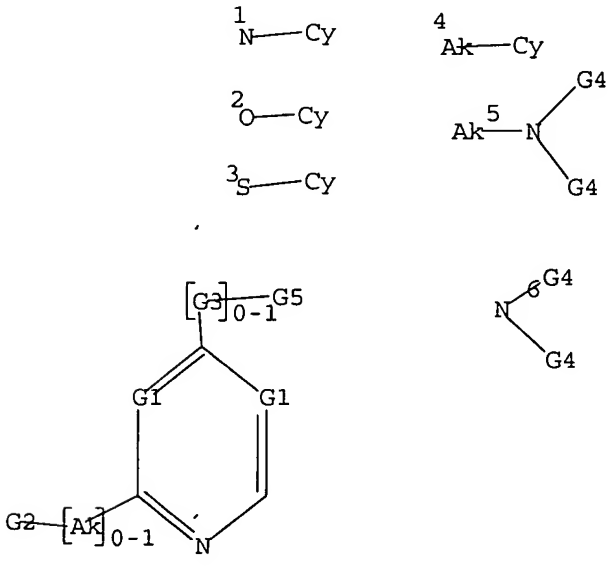
G4:H,Ak

G5:[*4],[*5],[*6]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:CLASS 10:CLASS 11:Atom 12:CLASS 13:Atom 14:CLASS 15:Atom 20:CLASS 22:CLASS 23:CLASS 24:Atom 25:CLASS 26:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 37:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 C,N

G2 [@1],[@2],[@3]

G3 O,N

G4 H,Ak

G5 [@4],[@5],[@6]

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1 sss sam
SAMPLE SEARCH INITIATED 13:28:41 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   592094 TO ITERATE

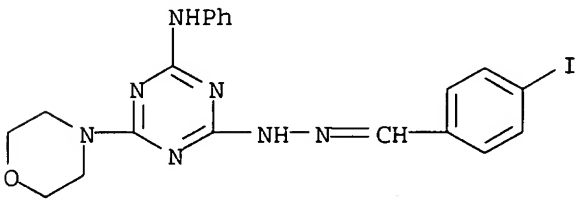
  0.3% PROCESSED     2000 ITERATIONS                                21 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:     11799054 TO 11884706
PROJECTED ANSWERS:          119612 TO   129066

L2            21 SEA SSS SAM L1

=> d scan

L2   21 ANSWERS   REGISTRY  COPYRIGHT 2006 ACS on STN
IN   Benzaldehyde, 4-iodo-, [4-(4-morpholinyl)-6-(phenylamino)-1,3,5-triazin-2-
     yl]hydrazone (9CI)
MF   C20 H20 I N7 O
```

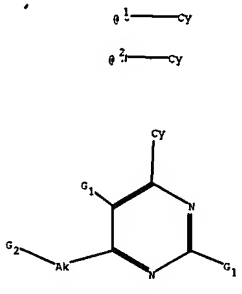


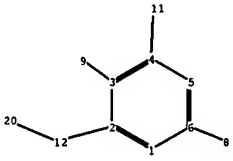

```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L2   21 ANSWERS   REGISTRY  COPYRIGHT 2006 ACS on STN
IN   Ammonium, [4-[4-[[1-hydroxy-8-[[4-morpholino-6-(trimethylammonio)-s-
     triazin-2-yl]amino]-3,6-disulfo-2-naphthyl]azo]-2,5-disulfoanilino]-6-
     morpholino-s-triazin-2-yl]trimethyl-, dichloride (8CI)
MF   C36 H46 N14 O15 S4 . 2 Cl
```

G:\Program Files\Stnexp\Queries\108173283.str





chain nodes :
8 9 11 12 13 14 15 16 20
ring nodes :
1 2 3 4 5 6
chain bonds :
2-12 3-9 4-11 6-8 12-20 13-14 15-16
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
2-12 3-9 4-11 6-8 12-20 13-14 15-16
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

G1:H,Ak

G2:Cy,[*1],[*2]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 11:Atom 12:CLASS
13:CLASS 14:CLASS 15:CLASS 16:CLASS 20:CLASS

10/817,328

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

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NEWS	2		"Ask CAS" for self-help around the clock
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NEWS	9	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS	10	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	11	JAN 17	Pre-1988 INPI data added to MARPAT
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Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:42:31 ON 20 JAN 2006

=> file reg
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

10/817,328

FILE 'REGISTRY' ENTERED AT 13:42:40 ON 20 JAN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 18 JAN 2006 HIGHEST RN 872163-75-2
DICTIONARY FILE UPDATES: 18 JAN 2006 HIGHEST RN 872163-75-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

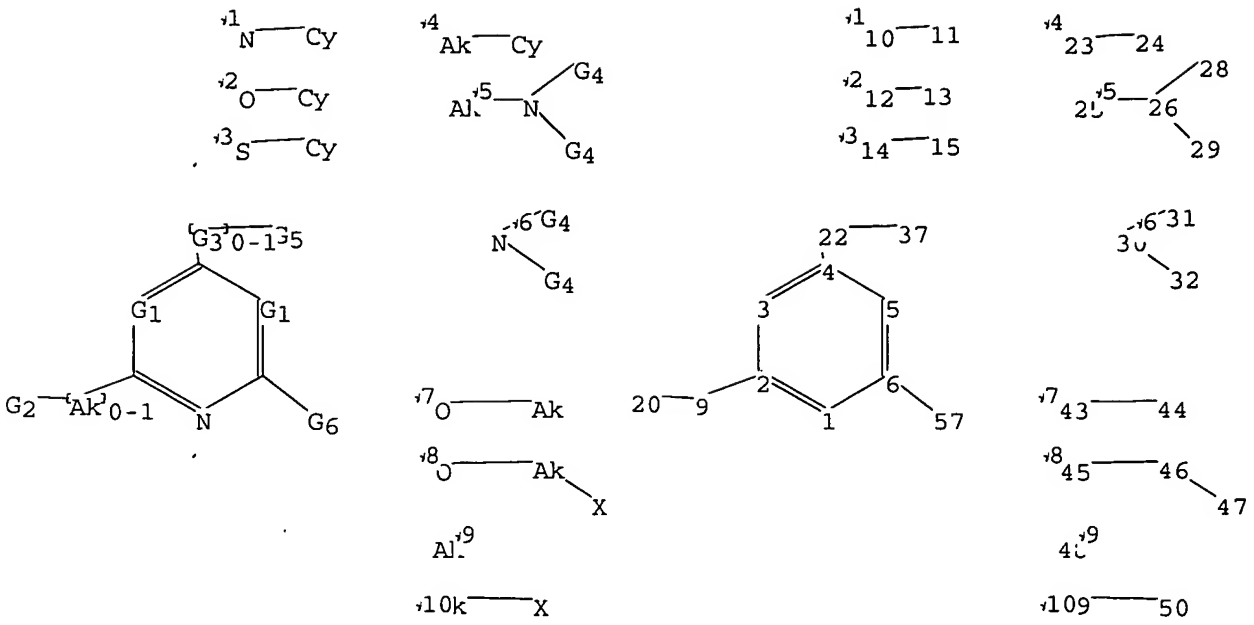
```
**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005.  A new display format, IDERL, is now     *
* available and contains the CA role and document type information.  *
*                                                                    *
**********************************************************************
```

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\108173282.str



chain nodes :
9 10 11 12 13 14 15 20 22 23 24 25 26 28 29 30 31 32 37 43 44 45 46 47 48 49 50 57
ring nodes :
1 2 3 4 5 6
chain bonds :
2-9 4-22 6-57 9-20 10-11 12-13 14-15 22-37 23-24 25-26 26-28 26-29 30-31 30-32 43-44 45-46 46-47 49-50
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 2-9 3-4 4-5 4-22 5-6 6-57 9-20 10-11 12-13 14-15 22-37 23-24 25-26 26-28 26-29 30-31 30-32 43-44 45-46 46-47 49-50
isolated ring systems :
containing 1 :

G1:C,N

G2:[*1],[*2],[*3]

G3:O,N

G4:H,Ak

G5:[*4],[*5],[*6]

G6:X,NH2,H,[*7],[*8],[*9],[*10]

Connectivity :
44:1 E exact RC ring/chain 46:2 M minimum RC ring/chain 48:1 E exact RC ring/chain 49:2 M minimum RC ring/chain
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:CLASS 10:CLASS 11:Atom 12:CLASS 13:Atom 14:CLASS 15:Atom 20:CLASS 22:CLASS 23:CLASS 24:Atom 25:CLASS 26:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 37:CLASS 43:CLASS 44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 13:43:09 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 592094 TO ITERATE

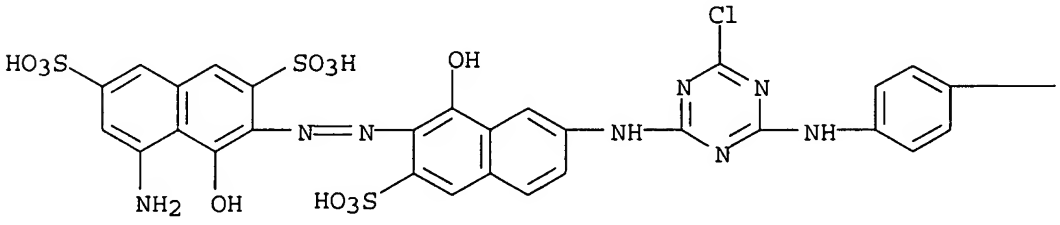
0.3% PROCESSED 2000 ITERATIONS 10 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

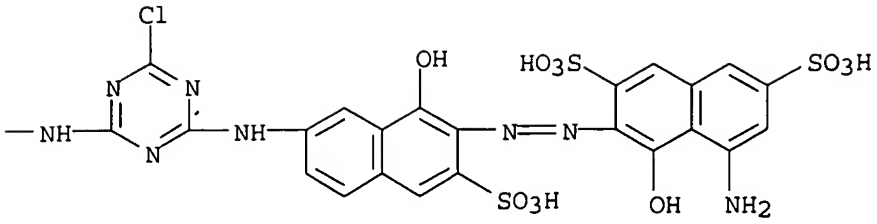
FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 11799054 TO 11884706
PROJECTED ANSWERS: 55946 TO 62472

L2 10 SEA SSS SAM L1

=> d scan

L2 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2,7-Naphthalenedisulfonic acid, 3,3'-[1,4-phenylenebis[imino(6-chloro-1,3,5-triazine-4,2-diyl)imino(1-hydroxy-3-sulfo-7,2-naphthalenediyl)azo]]bis[5-amino-4-hydroxy- (9CI)
MF C52 H36 Cl2 N16 O22 S6
CI COM

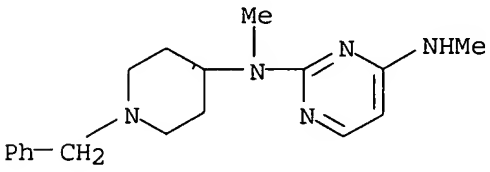




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):9

L2 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2,4-Pyrimidinediamine, N2,N4-dimethyl-N2-[1-(phenylmethyl)-4-piperidinyl]- (9CI)
MF C18 H25 N5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Pyrazole-3-carboxylic acid, 1-[4-[[4-[[2-[[2-[(2-chloroethyl)sulfonyl]ethyl]amino]ethyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]-4,5-dihydro-5-oxo-4-[(2-sulfophenyl)azo]- (9CI)
MF C25 H26 Cl F N10 O11 S3

III

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

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NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:09:53 ON 20 JAN 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:10:02 ON 20 JAN 2006

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 JAN 2006 HIGHEST RN 872163-75-2
DICTIONARY FILE UPDATES: 18 JAN 2006 HIGHEST RN 872163-75-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

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****
* *
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* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
* *
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

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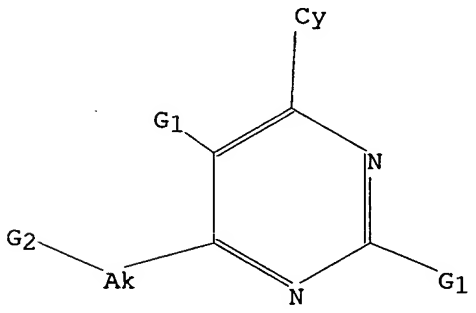
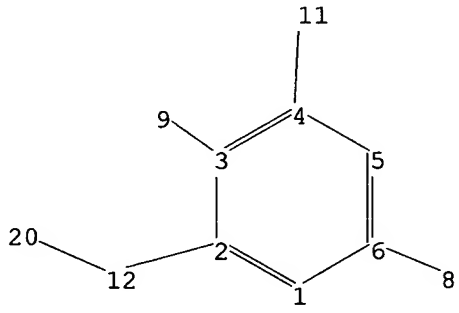
=>
Uploading C:\Program Files\Stnexp\Queries\108173283.str





chain nodes :

8 9 11 12 13 14 15 16 20
ring nodes :
1 2 3 4 5 6
chain bonds :
2-12 3-9 4-11 6-8 12-20 13-14 15-16
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
2-12 3-9 4-11 6-8 12-20 13-14 15-16
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

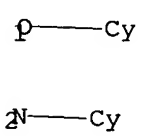
G1:H,Ak

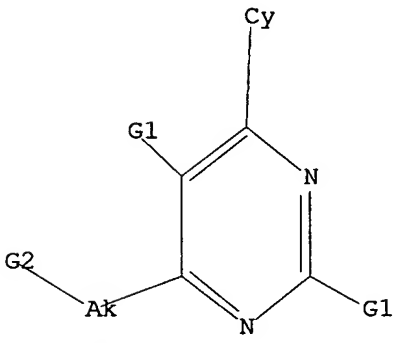
G2:Cy,[*1],[*2]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 11:Atom 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 20:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR





G1 H,Ak
G2 Cy,[@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1 sss sam
SAMPLE SEARCH INITIATED 14:10:27 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    44588 TO ITERATE

  4.5% PROCESSED     2000 ITERATIONS                                 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       879158 TO   904362
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

=> s l1 sss ful
FULL SEARCH INITIATED 14:10:42 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   893993 TO ITERATE

100.0% PROCESSED   893993 ITERATIONS                               224 ANSWERS
SEARCH TIME: 00.00.11

L3          224 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                     ENTRY    SESSION
FULL ESTIMATED COST                                 167.38     167.59

FILE 'CAPLUS' ENTERED AT 14:10:59 ON 20 JAN 2006
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L4            43 L3

=> d l4 1-43 bib hitstr

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DN   144:69847
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TI Preparation of 4-phenylpyridine-2-carbonitrile derivs. as inhibitors of cathepsin K and cathepsin S

IN Cai, Jiaqiang; Rankovic, Zoran; Moir, Jennifer Helen
PA Akzo Nobel N.V., Neth.

SO PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005121106	A1	20051222	WO 2005-EP6266	20050609

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI EP 2004-253491 A 20040611
EP 2004-106949 A 20041223

IT **871793-27-0P**, 4-[3-(Piperidin-1-yl)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-29-2P**, 4-[3-(Morpholin-4-yl)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-30-5P**, 4-[3-(4,4-Difluoropiperidin-1-yl)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-31-6P**, 4-[3-(4-Methylpiperazin-1-yl)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-32-7P**, 4-[3-(Cyclohexylamino)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-37-2P**, 4-[3-(Pyrrolidin-1-yl)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-38-3P**, 4-[3-(Azepan-1-yl)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-39-4P**, 4-[3-(1-Azacyclooct-1-yl)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-40-7P**, 4-[3-(Cyclopentylamino)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-41-8P**, 4-[3-(Cycloheptylamino)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-46-3P**, 4-[3-[Methyl(1-methylpiperidin-4-yl)amino]propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-48-5P**, 4-[3-(4-Methyl-[1,4]diazepan-1-yl)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-49-6P**, 4-[3-([1,4]Oxazepan-4-yl)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-50-9P**, 4-(3-Phenylaminopropyl)-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-53-2P**, 4-[3-(4-Phenylpiperazin-1-yl)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-54-3P**, 4-[3-(4-Benzylpiperazin-1-yl)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-55-4P**, 4-[3-[4-(Pyridin-2-yl)piperazin-1-yl]propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-82-7P** **871793-83-8P**, 4-[3-[(5-Chloropyridin-2-yl)amino]propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-84-9P**, 4-[3-[(4-Methylpyridin-2-yl)amino]propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-85-0P**, 4-[3-[(1-Methylbenzimidazol-2-yl)amino]propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-86-1P**, 4-[3-[(4-Trifluoromethylpyridin-2-yl)amino]propyl]-6-(3-

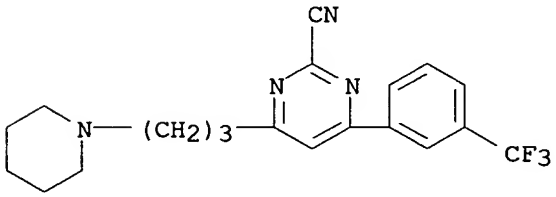
trifluoromethylphenyl)Pyrimidine-2-carbonitrile **871793-87-2P**, 4-[3-[(Isoquinolin-3-yl)amino]propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-88-3P**, 4-[3-[(3,5-Difluoropyridin-2-yl)amino]propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871793-92-9P 871793-93-0P 871793-97-4P 871794-01-3P 871794-03-5P 871794-17-1P 871794-30-8P 871794-32-0P 871794-35-3P 871794-39-7P 871794-40-0P**, 4-(3,4-Dimethylphenyl)-6-[3-[4-(pyridin-2-yl)piperazin-1-yl]propyl]pyrimidine-2-carbonitrile dihydrochloride **871794-50-2P 871794-72-8P**, 4-[3-(Piperidin-1-yl)-3-oxopropyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871794-73-9P 871794-96-6P**, 4-(3-Methylsulfamoyl-5-trifluoromethylphenyl)-6-[3-(piperidin-1-yl)propyl]pyrimidine-2-carbonitrile **871795-21-0P**, 4-[3-(Cyclopropylamino)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871795-22-1P 871795-29-8P**, 4-[3-(1-Methylcyclopropylamino)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile **871795-30-1P**, 4-[3-(1-Methylcyclopropylamino)propyl]-6-(3-trifluoromethylphenyl)pyrimidine-2-carbonitrile mono(trifluoroacetate) **871795-34-5P 871795-35-6P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(inhibitor; preparation of phenylpyridinecarbonitrile derivs. as inhibitors of cathepsin K and cathepsin S)

RN 871793-27-0 CAPLUS

CN 2-Pyrimidinecarbonitrile, 4-[3-(1-piperidinyl)propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



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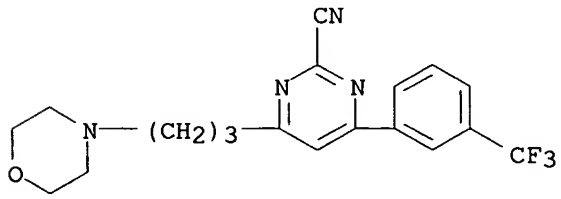

RN 871793-30-5 CAPLUS

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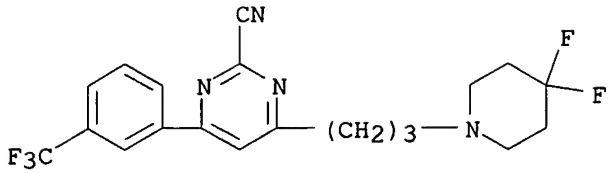
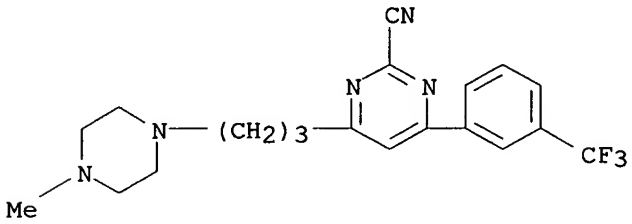


RN 871793-31-6 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-(4-methyl-1-piperazinyl)propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



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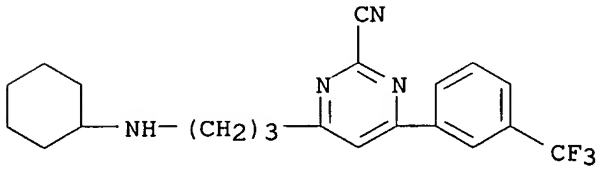
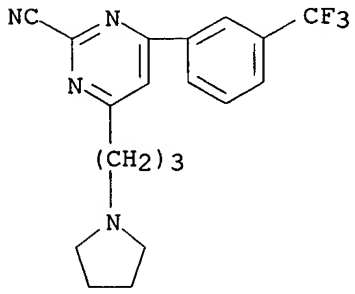
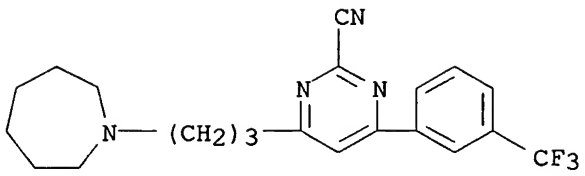


RN 871793-37-2 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-(1-pyrrolidinyl)propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 871793-38-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



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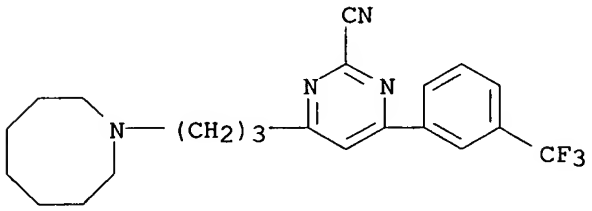
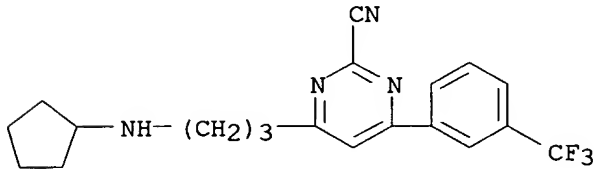
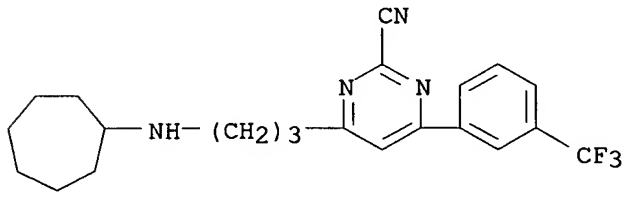


RN 871793-40-7 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-(cyclopentylamino)propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 871793-41-8 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-(cycloheptylamino)propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 871793-46-3 CAPLUS
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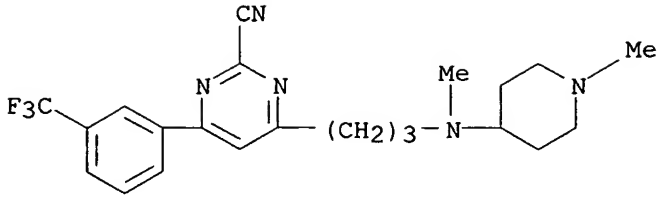
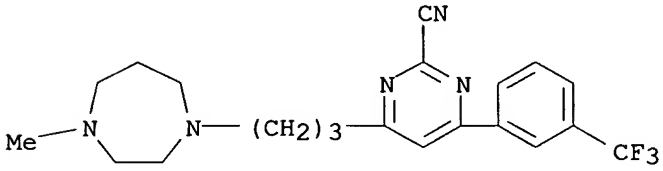
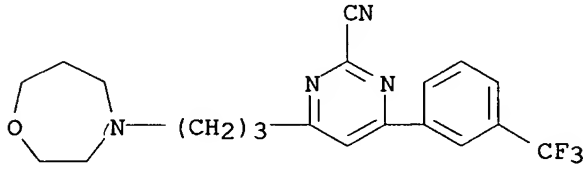


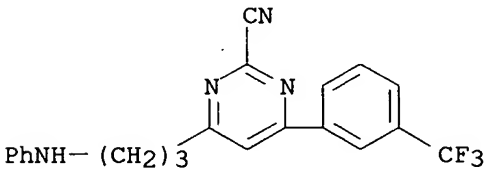
RN 871793-48-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



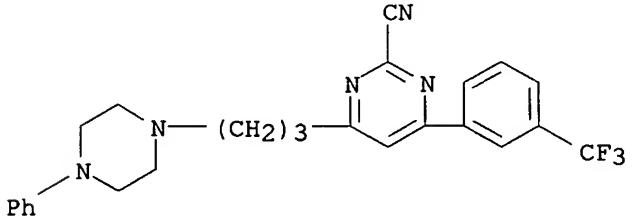
RN 871793-49-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



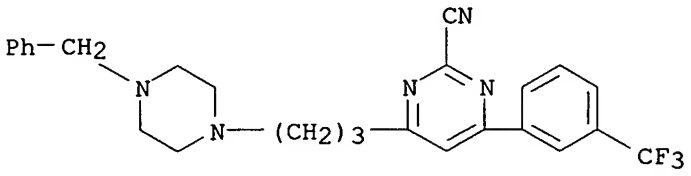
RN 871793-50-9 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-(phenylamino)propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



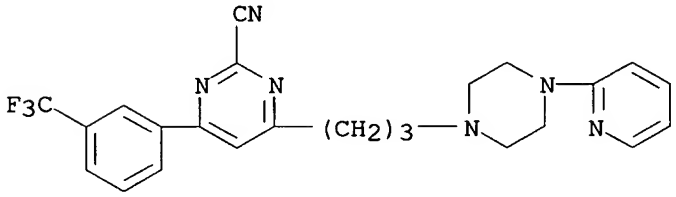
RN 871793-53-2 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-(4-phenyl-1-piperazinyl)propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



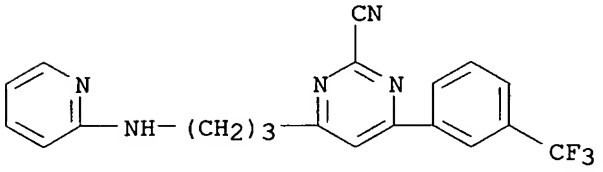
RN 871793-54-3 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-[4-(phenylmethyl)-1-piperazinyl]propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 871793-55-4 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-[4-(2-pyridinyl)-1-piperazinyl]propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

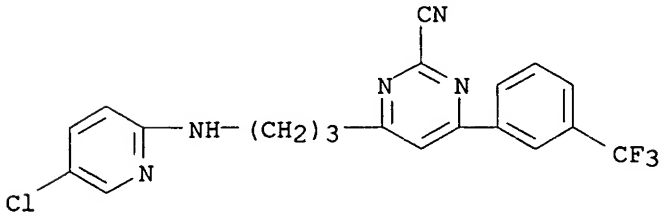


RN 871793-82-7 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-(2-pyridinylamino)propyl]-6-[3-(trifluoromethyl)phenyl]-, hydrochloride (9CI) (CA INDEX NAME)



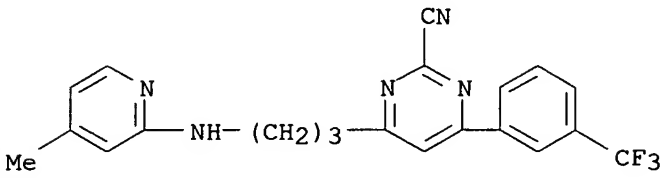
●x HCl

RN 871793-83-8 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-[(5-chloro-2-pyridinyl)amino]propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

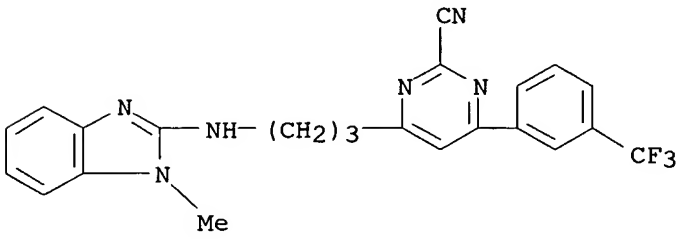


RN 871793-84-9 CAPLUS

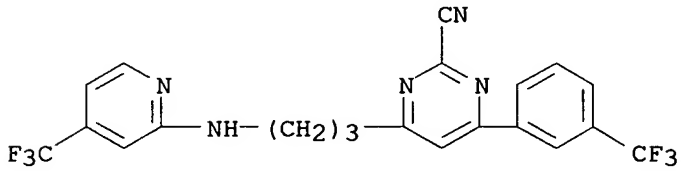
CN 2-Pyrimidinecarbonitrile, 4-[3-[(4-methyl-2-pyridinyl)amino]propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 871793-85-0 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-[(1-methyl-1H-benzimidazol-2-yl)amino]propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 871793-86-1 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-(trifluoromethyl)phenyl]-6-[3-[[4-(trifluoromethyl)-2-pyridinyl]amino]propyl]- (9CI) (CA INDEX NAME)



RN 871793-87-2 CAPLUS
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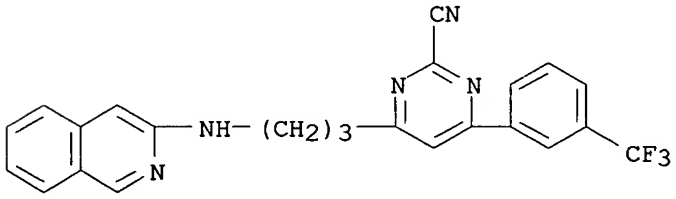

RN 871793-88-3 CAPLUS
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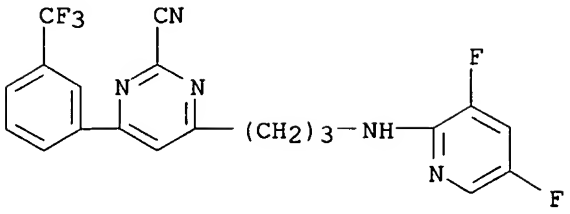

RN 871793-92-9 CAPLUS
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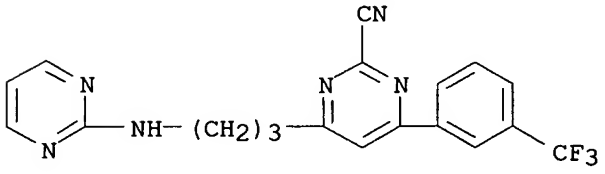
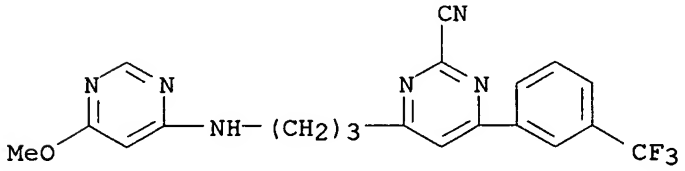


● x HCl

RN 871793-93-0 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-[(6-methoxy-4-pyrimidinyl)amino]propyl]-6-[3-(trifluoromethyl)phenyl]-, hydrochloride (9CI) (CA INDEX NAME)



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RN 871793-97-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

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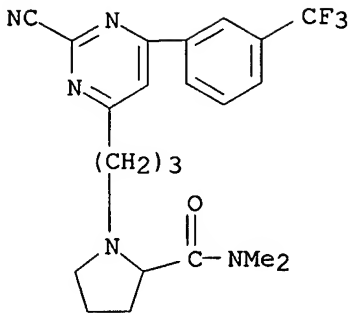

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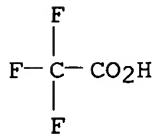

RN 871794-01-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

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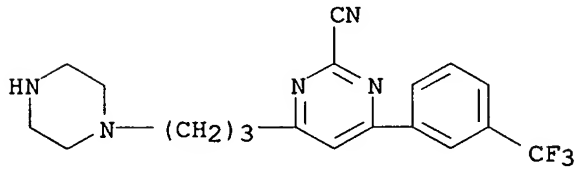
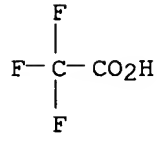


CM 2

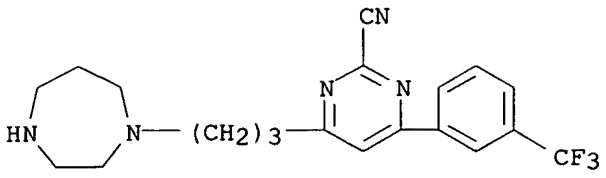
CRN 76-05-1
CMF C2 H F3 O2



RN 871794-03-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

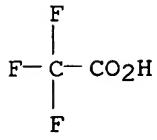
CM 1

CRN 871794-02-4
CMF C20 H22 F3 N5



CM 2

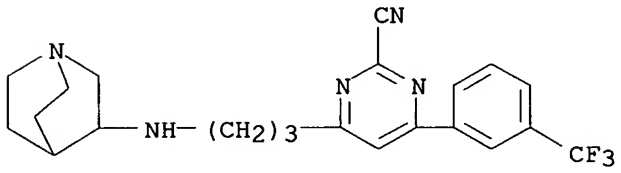
CRN 76-05-1
CMF C2 H F3 O2



RN 871794-17-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

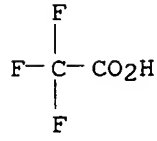
CM 1

CRN 871794-16-0
CMF C22 H24 F3 N5



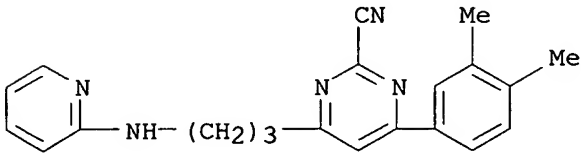
CM 2

CRN 76-05-1
CMF C2 H F3 O2



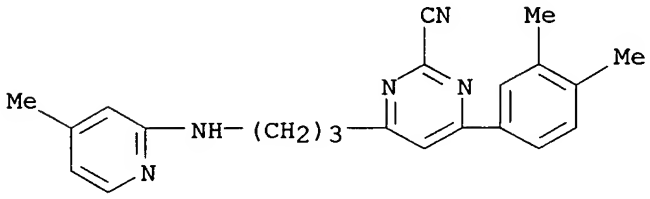
RN 871794-30-8 CAPLUS

CN 2-Pyrimidinecarbonitrile, 4-(3,4-dimethylphenyl)-6-[3-(2-pyridinylamino)propyl]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

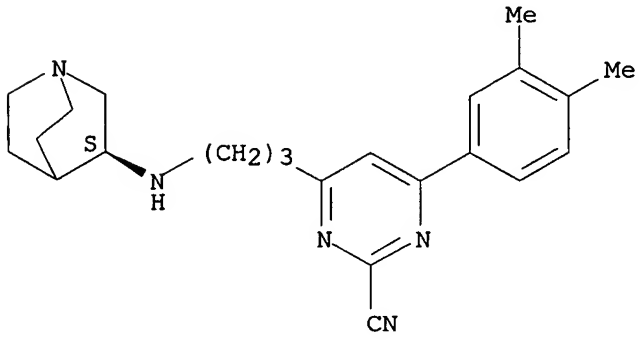
RN 871794-32-0 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-(3,4-dimethylphenyl)-6-[3-[(4-methyl-2-pyridinyl)amino]propyl]-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

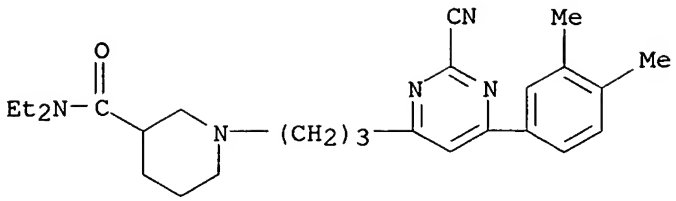
RN 871794-35-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



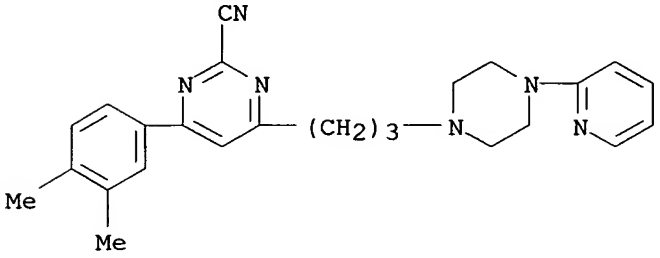
●x HCl

RN 871794-39-7 CAPLUS
CN 3-Piperidinecarboxamide, 1-[3-[2-cyano-6-(3,4-dimethylphenyl)-4-pyrimidinyl]propyl]-N,N-diethyl-, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

RN 871794-40-0 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-(3,4-dimethylphenyl)-6-[3-[4-(2-pyridinyl)-1-piperazinyl]propyl]-, dihydrochloride (9CI) (CA INDEX NAME)

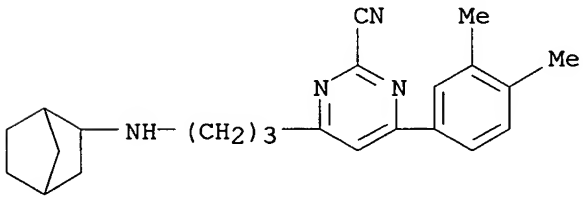


●2 HCl

RN 871794-50-2 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-(bicyclo[2.2.1]hept-2-ylamino)propyl]-6-(3,4-dimethylphenyl)-, trifluoroacetate (9CI) (CA INDEX NAME)

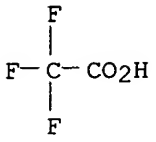
CM 1

CRN 871794-49-9
CMF C23 H28 N4

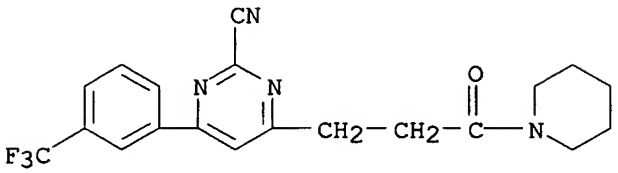


CM 2

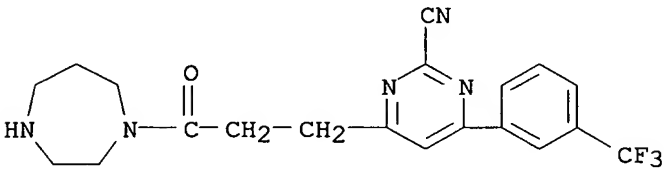
CRN 76-05-1
CMF C2 H F3 O2



RN 871794-72-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

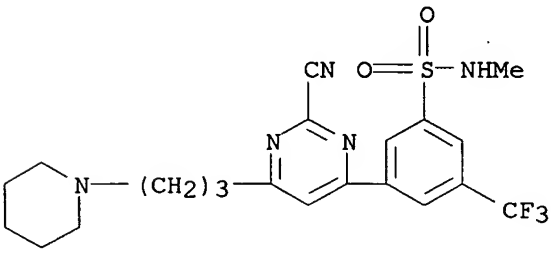


RN 871794-73-9 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

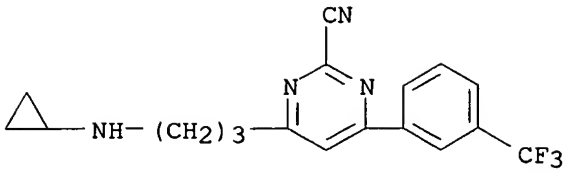


● x HCl

RN 871794-96-6 CAPLUS
CN Benzenesulfonamide, 3-[2-cyano-6-[3-(1-piperidinyl)propyl]-4-pyrimidinyl]-N-methyl-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



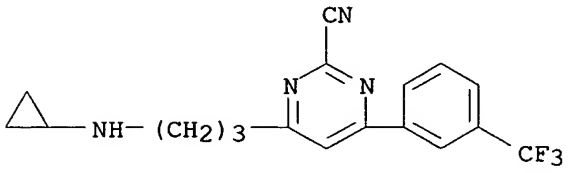
RN 871795-21-0 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-(cyclopropylamino)propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 871795-22-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

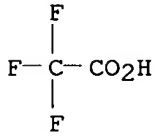
CM 1

CRN 871795-21-0
CMF C18 H17 F3 N4

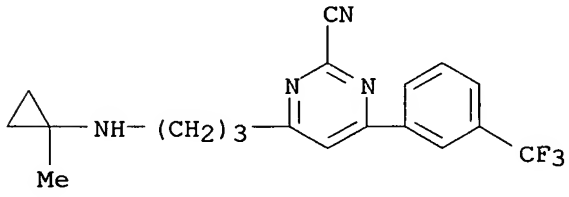


CM 2

CRN 76-05-1
CMF C2 H F3 O2



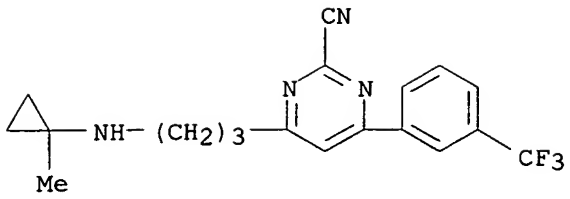
RN 871795-29-8 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-[(1-methylcyclopropyl)amino]propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 871795-30-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

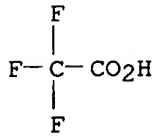
CM 1

CRN 871795-29-8
CMF C19 H19 F3 N4



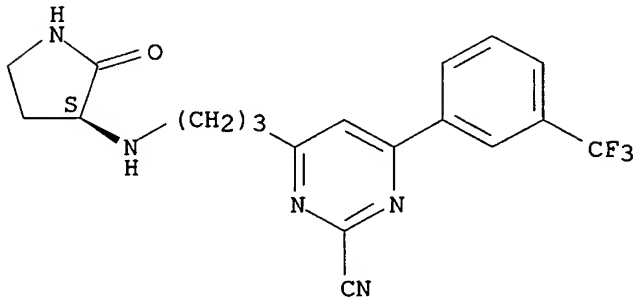
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 871795-34-5 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-[[(3S)-2-oxo-3-pyrrolidinyl]amino]propyl]-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

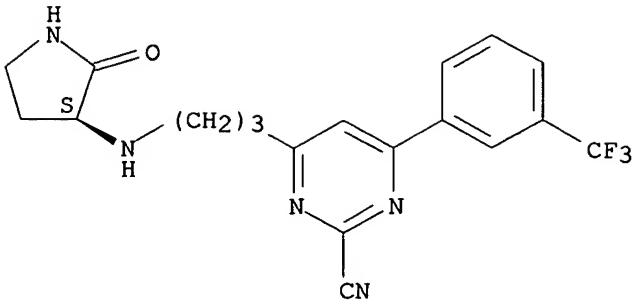


RN 871795-35-6 CAPLUS
CN 2-Pyrimidinecarbonitrile, 4-[3-[[(3S)-2-oxo-3-pyrrolidinyl]amino]propyl]-6-[3-(trifluoromethyl)phenyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

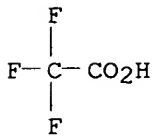
CRN 871795-34-5
CMF C19 H18 F3 N5 O

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:1170888 CAPLUS
DN 143:440413
TI Preparation of amino oxadiazolyl pyridinyl sulfonamides as β-secretase inhibitors
IN Barrow, James C.; McGaughey, Georgia B.; Nantermet, Philippe G.; Rajapakse, Hemaka A.; Selnick, Harold G.; Stauffer, Shaun R.; Vacca, Joseph P.; Stachel, Shawn J.; Coburn, Craig A.; Stanton, Matthew G.
PA Merck & Co., Inc., USA
SO PCT Int. Appl., 131 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

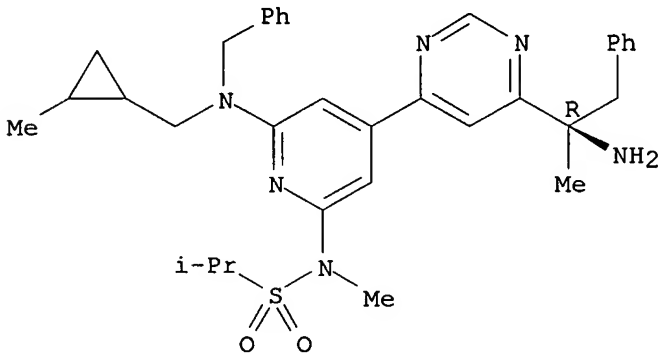
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005103043	A1	20051103	WO 2005-US13480	20050420
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005242069	A1	20051103	US 2005-109833	20050419

PRAI US 2004-563612P P 20040420
US 2004-630539P P 20041123
US 2005-653037P P 20050215

IT **868665-09-2P 868665-83-2P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of amino oxadiazolyl pyridinyl sulfonamides as β-secretase inhibitors)

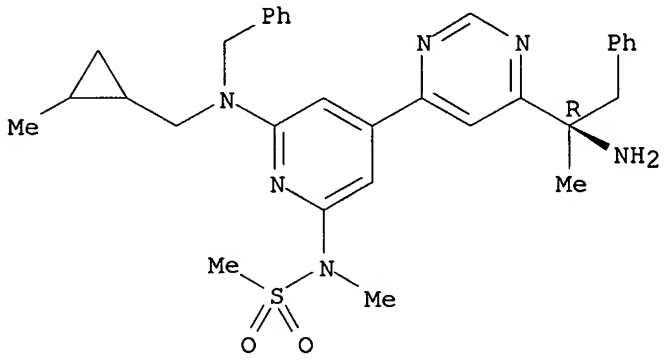
RN 868665-09-2 CAPLUS
CN 2-Propanesulfonamide, N-[4-[6-[(1R)-1-amino-1-methyl-2-phenylethyl]-4-pyrimidinyl]-6-[[(2-methylcyclopropyl)methyl](phenylmethyl)amino]-2-pyridinyl]-N-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 868665-83-2 CAPLUS
CN Methanesulfonamide, N-[4-[6-[(1R)-1-amino-1-methyl-2-phenylethyl]-4-pyrimidinyl]-6-[[(2-methylcyclopropyl)methyl](phenylmethyl)amino]-2-pyridinyl]-N-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

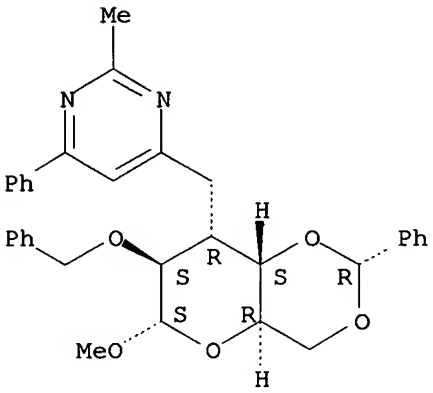


RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:159705 CAPLUS
DN 143:267182
TI Nucleoside Analogs from Branched-Chain Pyranosides
AU Otero, Iran; Feist, Holger; Herrera, Lidcay; Michalik, Manfred; Quincoces,

Jose; Peseke, Klaus
CS Fachbereich Chemie, Universitaet Rostock, Rostock, 18051, Germany
SO Australian Journal of Chemistry (2005), 58(2), 104-111
CODEN: AJCHAS; ISSN: 0004-9425
PB CSIRO Publishing
DT Journal
LA English
OS CASREACT 143:267182
IT **863767-36-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis of nucleoside analogs from branched-chain pyranosides)
RN 863767-36-6 CAPLUS
CN α-D-Altropyranoside, methyl 3-deoxy-3-[(2-methyl-6-phenyl-4-pyrimidinyl)methyl]-2-O-(phenylmethyl)-4,6-O-[(R)-phenylmethylene]- (9CI) (CA INDEX NAME)

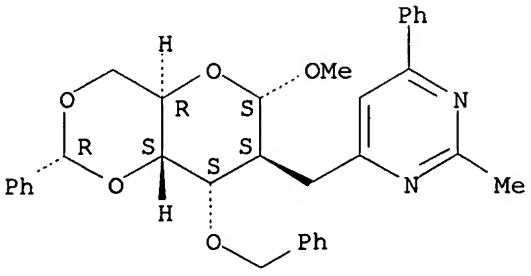
Absolute stereochemistry. Rotation (+).



RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:810026 CAPLUS
DN 142:23451
TI Synthesis of C-Nucleoside Analogues Starting from 1-(Methyl 3-O-benzyl-4,6-O-benzylidene-2-deoxy-α-D-altropyranosid-2-yl)-4-phenyl-but-3-yn-2-one
AU Taboada, Lidcay Herrera; Feist, Holger; Suarez, Jose Quincoces; Michalik, Manfred; Peseke, Klaus
CS Fachbereich Chemie, Universitaet Rostock, Rostock, Germany
SO Journal of Carbohydrate Chemistry (2004), 23(5), 325-335
CODEN: JCACDM; ISSN: 0732-8303
PB Marcel Dekker, Inc.
DT Journal
LA English
OS CASREACT 142:23451
IT **799804-67-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis of iso-C-nucleoside analogs for use as chiral synthons toward dinucleosides)
RN 799804-67-4 CAPLUS
CN α-D-Altropyranoside, methyl 2-deoxy-2-[(2-methyl-6-phenyl-4-pyrimidinyl)methyl]-3-O-(phenylmethyl)-4,6-O-[(R)-phenylmethylene]- (9CI) (CA INDEX NAME)

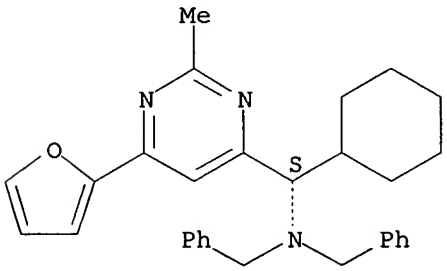
Absolute stereochemistry. Rotation (+).



RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

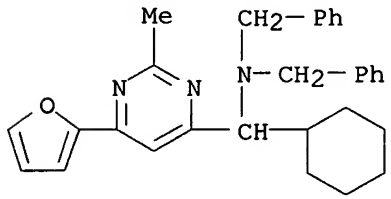
L4 ANSWER 5 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:734532 CAPLUS
DN 141:366199
TI Synthesis of chiral α-aminoalkylpyrimidines using an enantioselective three-component reaction
AU Dube, Henry; Gommermann, Nina; Knochel, Paul
CS Department Chemie, Ludwig-Maximilians-Universitaet, Munich, 81377, Germany
SO Synthesis (2004), (12), 2015-2025
CODEN: SYNTBF; ISSN: 0039-7881
PB Georg Thieme Verlag
DT Journal
LA English
OS CASREACT 141:366199
IT **780782-80-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of chiral α-(alkyl)-N-(phenylmethyl)pyrimidinemethanamine s by palladium-catalyzed reductive cyclization using amidine derivs. and chiral N-[(alkyl)propynyl](phenylmethyl)benzenemethanamine derivative as reactants)
RN 780782-80-1 CAPLUS
CN 4-Pyrimidinemethanamine, α-cyclohexyl-6-(2-furanyl)-2-methyl-N,N-bis(phenylmethyl)-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT **780782-79-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of α-(alkyl)-N-(phenylmethyl)pyrimidinemethanamines by palladium-catalyzed reductive cyclization using amidine derivs. and N-[(alkyl)propynyl](phenylmethyl)benzenemethanamine derivative as reactants)
RN 780782-79-8 CAPLUS

CN 4-Pyrimidinemethanamine, α-cyclohexyl-6-(2-furanyl)-2-methyl-N,N-bis(phenylmethyl)- (9CI) (CA INDEX NAME)



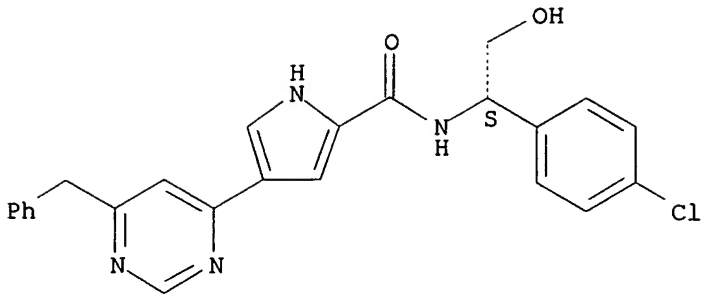
RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:696368 CAPLUS
DN 141:225546
TI Preparation of heteroaryl substituted pyrroles useful as inhibitors of protein kinases
IN Aronov, Alex; Hale, Michael R.; Maltais, Francois; Tang, Qing
PA Vertex Pharmaceuticals Incorporated, USA
SO PCT Int. Appl., 51 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

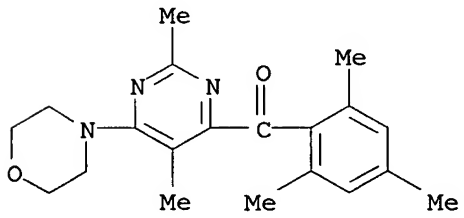
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004072063	A1	20040826	WO 2004-US3026	20040203
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2515132	AA	20040826	CA 2004-2515132	20040203
	EP 1611125	A1	20060104	EP 2004-707777	20040203
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRAI	US 2003-445962P	P	20030207		
	US 2003-463847P	P	20030418		
	WO 2004-US3026	W	20040203		

OS MARPAT 141:225546
IT **746673-53-0P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heteroaryl substituted pyrroles useful as inhibitors of protein kinases)
RN 746673-53-0 CAPLUS
CN 1H-Pyrrole-2-carboxamide, N-[(1S)-1-(4-chlorophenyl)-2-hydroxyethyl]-4-[6-(phenylmethyl)-4-pyrimidinyl]- (9CI) (CA INDEX NAME)

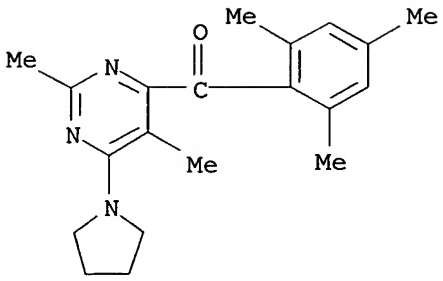
Absolute stereochemistry.



L4 ANSWER 7 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:523272 CAPLUS
DN 141:207168
TI Synthesis of benzoylpyrimidines as antagonists of the corticotropin-releasing factor-1 receptor
AU Webb, Thomas R.; Moran, Terry; Huang, Charles Q.; McCarthy, James R.; Grigoriadis, Dimitri E.; Chen, Chen
CS Department of Medicinal Chemistry and Department of Pharmacology, Neurocrine Bioscience, Inc., San Diego, CA, 92121, USA
SO Bioorganic & Medicinal Chemistry Letters (2004), 14(15), 3869-3873
CODEN: BMCLE8; ISSN: 0960-894X
PB Elsevier Science B.V.
DT Journal
LA English
OS CASREACT 141:207168
IT **190084-18-5P 190084-19-6P 744253-25-6P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(synthesis of benzoylpyrimidines as antagonists of the corticotropin-releasing factor-1 receptor)
RN 190084-18-5 CAPLUS
CN Methanone, [2,5-dimethyl-6-(4-morpholinyl)-4-pyrimidinyl](2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)

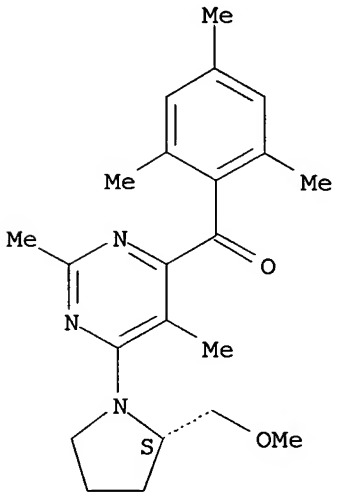


RN 190084-19-6 CAPLUS
CN Methanone, [2,5-dimethyl-6-(1-pyrrolidinyl)-4-pyrimidinyl](2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)



RN 744253-25-6 CAPLUS
CN Methanone, [6-[(2S)-2-(methoxymethyl)-1-pyrrolidinyl]-2,5-dimethyl-4-pyrimidinyl](2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 8 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:412937 CAPLUS
DN 140:423691
TI Preparation of 4-imidazol-1-ylmethylpyrimidine derivatives as ligands for GABA A receptors
IN Xie, Linghong; Han, Bingsong; Xu, Yuelian; Maynard, George
PA Neurogen Corporation, USA
SO PCT Int. Appl., 68 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004041808	A1	20040521	WO 2003-IB4978	20031104
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,				

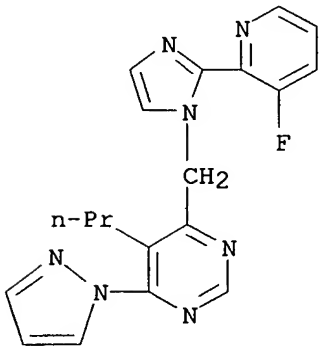
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2495708		AA	20040521	CA 2003-2495708	20031104
EP 1560822		A1	20050810	EP 2003-810562	20031104
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
US 2004102457		A1	20040527	US 2003-702629	20031106
US 6951864		B2	20051004		
PRAI US 2002-424945P		P	20021108		
WO 2003-IB4978		W	20031104		

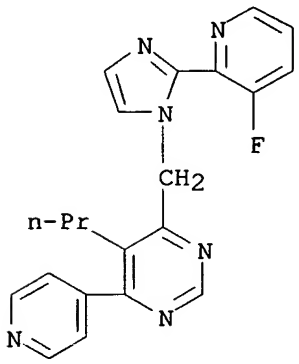
OS MARPAT 140:423691

IT **691885-79-7P 691885-80-0P 691885-81-1P 691885-83-3P 691885-84-4P 691885-85-5P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 4-imidazol-1-ylmethylpyrimidine derivs. as ligands for GABA A receptors)

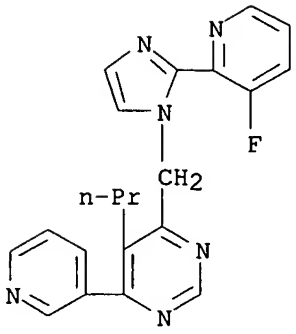
RN 691885-79-7 CAPLUS
CN Pyrimidine, 4-[[2-(3-fluoro-2-pyridinyl)-1H-imidazol-1-yl]methyl]-5-propyl-6-(1H-pyrazol-1-yl)- (9CI) (CA INDEX NAME)



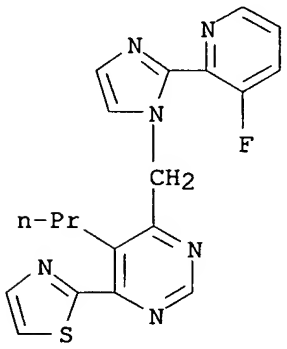
RN 691885-80-0 CAPLUS
CN Pyrimidine, 4-[[2-(3-fluoro-2-pyridinyl)-1H-imidazol-1-yl]methyl]-5-propyl-6-(4-pyridinyl)- (9CI) (CA INDEX NAME)



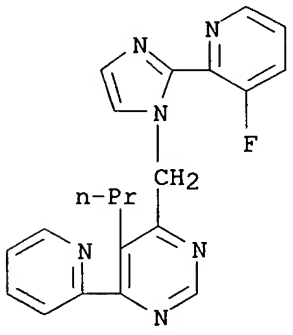
RN 691885-81-1 CAPLUS
CN Pyrimidine, 4-[[2-(3-fluoro-2-pyridinyl)-1H-imidazol-1-yl]methyl]-5-propyl-6-(3-pyridinyl)- (9CI) (CA INDEX NAME)



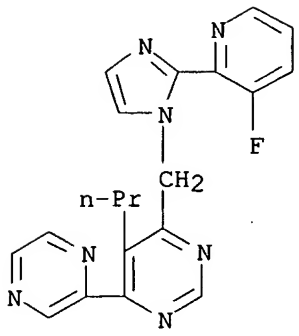
RN 691885-83-3 CAPLUS
CN Pyrimidine, 4-[[2-(3-fluoro-2-pyridinyl)-1H-imidazol-1-yl]methyl]-5-propyl-6-(2-thiazolyl)- (9CI) (CA INDEX NAME)



RN 691885-84-4 CAPLUS
CN Pyrimidine, 4-[[2-(3-fluoro-2-pyridinyl)-1H-imidazol-1-yl]methyl]-5-propyl-6-(2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 691885-85-5 CAPLUS
CN Pyrimidine, 4-[[2-(3-fluoro-2-pyridinyl)-1H-imidazol-1-yl]methyl]-5-propyl-6-pyrazinyl- (9CI) (CA INDEX NAME)



L4 ANSWER 9 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:333578 CAPLUS
DN 140:357377
TI Preparation of piperazine derivatives for treatment of cancers
IN Mataki, Chikage; Kodama, Tatsuhiko; Doi, Takeshi; Tamura, Masahiro; Oda, Toshiaki; Takemura, Shunji; Ohkuchi, Masao
PA Kowa Co., Ltd., Japan
SO PCT Int. Appl., 164 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

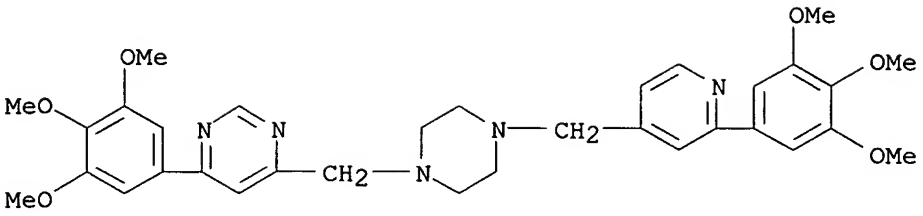
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004032933	A1	20040422	WO 2003-JP13048	20031010

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 2002-417598P P 20021011
OS MARPAT 140:357377
IT **482375-41-7P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of piperazine derivs. for treatment of cancers)
RN 482375-41-7 CAPLUS
CN Pyrimidine, 4-(3,4,5-trimethoxyphenyl)-6-[[4-[[2-(3,4,5-trimethoxyphenyl)-4-pyridinyl]methyl]-1-piperazinyl]methyl]-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

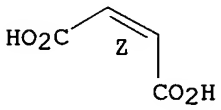
CRN 482375-40-6
CMF C33 H39 N5 O6



CM 2

CRN 110-16-7
CMF C4 H4 O4

Double bond geometry as shown.



RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

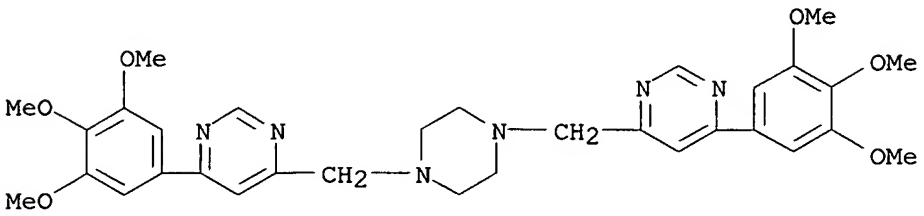
L4 ANSWER 10 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:333577 CAPLUS
DN 140:357386
TI Preparation of piperazine and homopiperazine derivatives for treatment of cancers
IN Mataki, Chikage; Kodama, Tatsuhiko; Doi, Takeshi; Tamura, Masahiro; Oda, Toshiaki; Ohkuchi, Masao
PA Kowa Co., Ltd., Japan
SO PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004032931	A1	20040422	WO 2003-JP13047	20031010

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

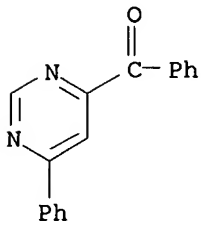
PRAI US 2002-417643P P 20021011
OS MARPAT 140:357386
IT **482629-87-8P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of piperazine and homopiperazine derivs. for treatment of cancers)

RN 482629-87-8 CAPLUS
CN Pyrimidine, 4,4'-[1,4-piperazinediylbis(methylene)]bis[6-(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)



RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

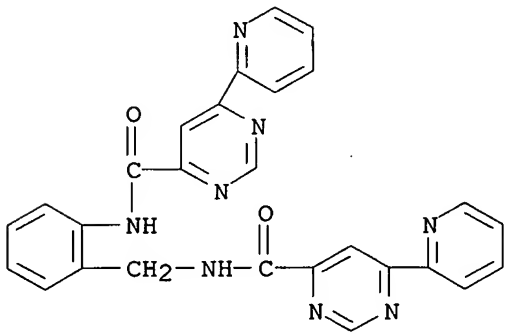
L4 ANSWER 11 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:205964 CAPLUS
DN 142:74474
TI Product class 12: pyrimidines
AU von Angerer, S.
CS Germany
SO Science of Synthesis (2004), 16, 379-572
CODEN: SSCYJ9
PB Georg Thieme Verlag
DT Journal; General Review
LA English
IT **67074-00-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(review preparation of pyrimidines via cyclization, ring transformation, aromatization and substituent modification)
RN 67074-00-4 CAPLUS
CN Methanone, phenyl(6-phenyl-4-pyrimidinyl)- (9CI) (CA INDEX NAME)



RE.CNT 856 THERE ARE 856 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:870352 CAPLUS
DN 141:32819
TI Evaluating the Conformational Role of an Allosteric CuII Ion in Anion Recognition and Catalysis by a Tricopper Complex
AU Strotmeyer, Kai P.; Fritsky, Igor O.; Ott, Reina; Pritzkow, Hans; Kraemer, Roland
CS Anorganisch-Chemisches Institut der Universitat Heidelberg, Heidelberg, D-69120, Germany
SO Supramolecular Chemistry (2003), 15(7-8), 529-547
CODEN: SCHEER; ISSN: 1061-0278
PB Taylor & Francis Ltd.

DT Journal
LA English
OS CASREACT 141:32819
IT **698386-83-3D**, copper trinuclear complex
RL: CAT (Catalyst use); FMU (Formation, unclassified); FORM (Formation, nonpreparative); USES (Uses)
(formation and catalytic activity in hydrolysis of phosphodiester as model for phosphodiesterase)
RN 698386-83-3 CAPLUS
CN 4-Pyrimidinecarboxamide, 6-(2-pyridinyl)-N-[2-[[[[6-(2-pyridinyl)-4-pyrimidinyl]carbonyl]amino]methyl]phenyl]- (9CI) (CA INDEX NAME)

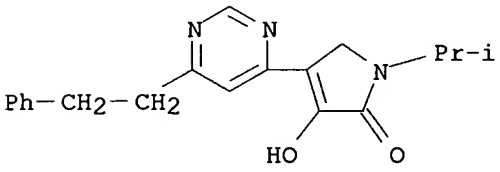


RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and complexation with transition metals and crystal structure
RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

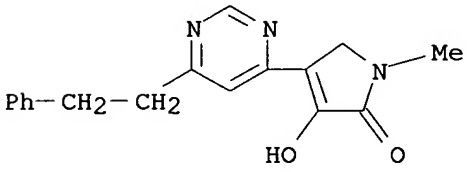
L4 ANSWER 13 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:154399 CAPLUS
DN 138:204936
TI Preparation of heterocyclic compounds as integrase inhibiting antiviral agents
IN Kiyama, Ryuichi; Kanda, Yasuhiko; Tada, Yukio; Fujishita, Toshio; Kawasuji, Takashi; Takechi, Shozo; Fuji, Masahiro
PA Shionogi & Co., Ltd., Japan
SO PCT Int. Appl., 663 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003016275	A1	20030227	WO 2002-JP8108	20020808
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2452769	AA	20030227	CA 2002-2452769	20020808

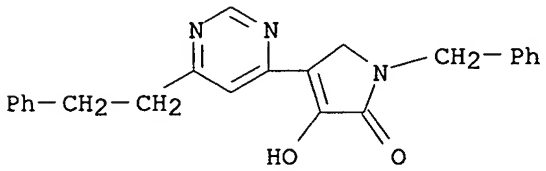
EP 1422218 A1 20040526 EP 2002-749384 20020808
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK
BR 2002011750 A 20041013 BR 2002-11750 20020808
CN 1558898 A 20041229 CN 2002-819869 20020808
US 2004229909 A1 20041118 US 2004-485394 20040130
PRAI JP 2001-245071 A 20010810
JP 2001-370860 A 20011205
JP 2002-191483 A 20020628
WO 2002-JP8108 W 20020808
OS MARPAT 138:204936
IT **500367-80-6P 500367-81-7P 500367-82-8P**
500367-83-9P 500367-84-0P 500367-85-1P
500367-86-2P 500367-87-3P 500368-05-8P
500368-06-9P 500368-07-0P 500368-08-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heterocyclic compds. as integrase inhibiting antiviral agents)
RN 500367-80-6 CAPLUS
CN 2H-Pyrrol-2-one, 1,5-dihydro-3-hydroxy-1-(1-methylethyl)-4-[6-(2-phenylethyl)-4-pyrimidinyl]- (9CI) (CA INDEX NAME)



RN 500367-81-7 CAPLUS
CN 2H-Pyrrol-2-one, 1,5-dihydro-3-hydroxy-1-methyl-4-[6-(2-phenylethyl)-4-pyrimidinyl]- (9CI) (CA INDEX NAME)

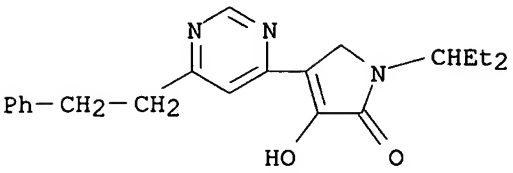


RN 500367-82-8 CAPLUS
CN 2H-Pyrrol-2-one, 1,5-dihydro-3-hydroxy-4-[6-(2-phenylethyl)-4-pyrimidinyl]-1-(phenylmethyl)- (9CI) (CA INDEX NAME)

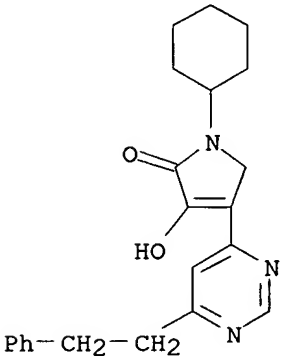


RN 500367-83-9 CAPLUS
CN 2H-Pyrrol-2-one, 1-(1-ethylpropyl)-1,5-dihydro-3-hydroxy-4-[6-(2-

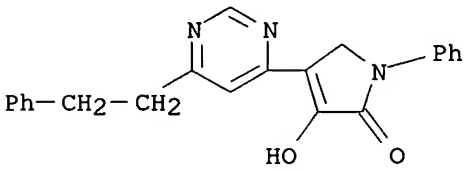
phenylethyl)-4-pyrimidinyl]- (9CI) (CA INDEX NAME)



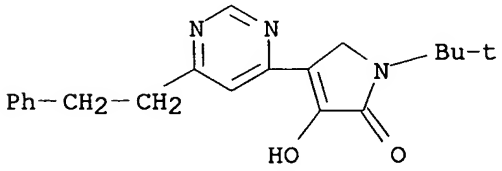
RN 500367-84-0 CAPLUS
CN 2H-Pyrrol-2-one, 1-cyclohexyl-1,5-dihydro-3-hydroxy-4-[6-(2-phenylethyl)-4-pyrimidinyl]- (9CI) (CA INDEX NAME)



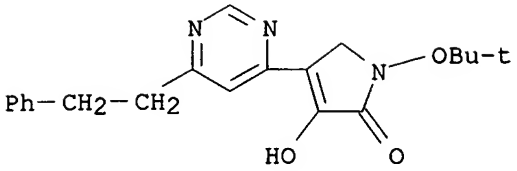
RN 500367-85-1 CAPLUS
CN 2H-Pyrrol-2-one, 1,5-dihydro-3-hydroxy-1-phenyl-4-[6-(2-phenylethyl)-4-pyrimidinyl]- (9CI) (CA INDEX NAME)



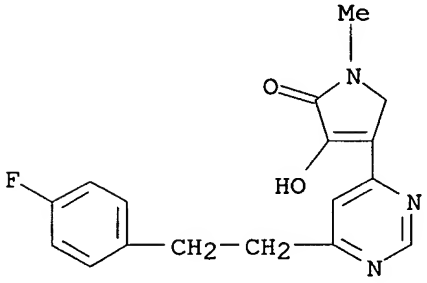
RN 500367-86-2 CAPLUS
CN 2H-Pyrrol-2-one, 1-(1,1-dimethylethyl)-1,5-dihydro-3-hydroxy-4-[6-(2-phenylethyl)-4-pyrimidinyl]- (9CI) (CA INDEX NAME)



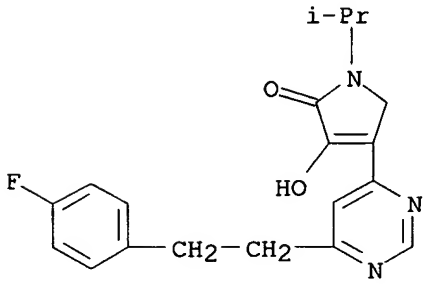
RN 500367-87-3 CAPLUS
CN 2H-Pyrrol-2-one, 1-(1,1-dimethylethoxy)-1,5-dihydro-3-hydroxy-4-[6-(2-phenylethyl)-4-pyrimidinyl]- (9CI) (CA INDEX NAME)



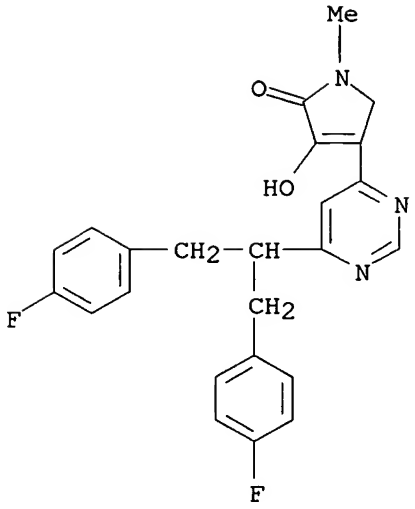
RN 500368-05-8 CAPLUS
CN 2H-Pyrrol-2-one, 4-[6-[2-(4-fluorophenyl)ethyl]-4-pyrimidinyl]-1,5-dihydro-3-hydroxy-1-methyl- (9CI) (CA INDEX NAME)



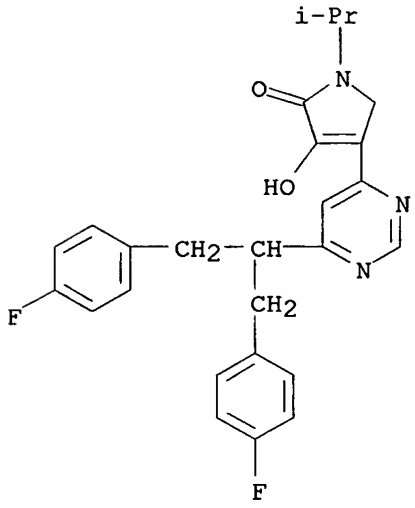
RN 500368-06-9 CAPLUS
CN 2H-Pyrrol-2-one, 4-[6-[2-(4-fluorophenyl)ethyl]-4-pyrimidinyl]-1,5-dihydro-3-hydroxy-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 500368-07-0 CAPLUS
CN 2H-Pyrrol-2-one, 4-[6-[2-(4-fluorophenyl)-1-[(4-fluorophenyl)methyl]ethyl]-4-pyrimidinyl]-1,5-dihydro-3-hydroxy-1-methyl- (9CI) (CA INDEX NAME)



RN 500368-08-1 CAPLUS
CN 2H-Pyrrol-2-one, 4-[6-[2-(4-fluorophenyl)-1-[(4-fluorophenyl)methyl]ethyl]-4-pyrimidinyl]-1,5-dihydro-3-hydroxy-1-(1-methylethyl)- (9CI) (CA INDEX NAME)



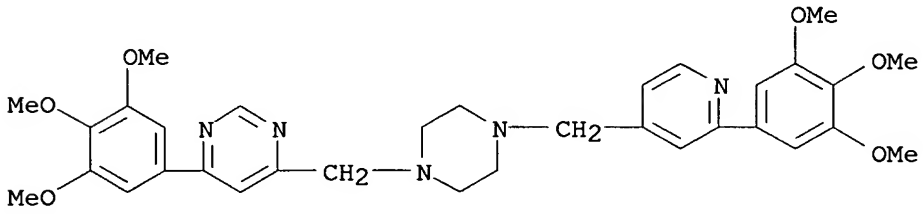
RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 14 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:22853 CAPLUS
DN 138:73276
TI Preparation of N-[[2-(3,4,5-trimethoxyphenyl)-4-pyridyl]methyl]-unsymmetrical cyclic diamine compounds as cell adhesion inhibitors
IN Kodama, Tatsuhiko; Tamura, Masahiro; Oda, Toshiaki; Yamazaki, Yukiyoshi; Nishikawa, Masahiro; Doi, Takeshi; Kyotani, Yoshinori; Takemura, Shunji
PA Kowa Co., Ltd., Japan
SO PCT Int. Appl., 114 pp.
CODEN: PIXXD2
DT Patent

LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003002536	A1	20030109	WO 2002-JP6490	20020627
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003022887	A1	20030130	US 2001-893699	20010629
	US 6552188	B2	20030422		
	CA 2451241	AA	20030609	CA 2002-2451241	20020627
	EP 1400513	A1	20040324	EP 2002-736189	20020627
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	CN 1520402	A	20040811	CN 2002-812818	20020627
PRAI	US 2001-893699	A	20010629		
	WO 2002-JP6490	W	20020627		

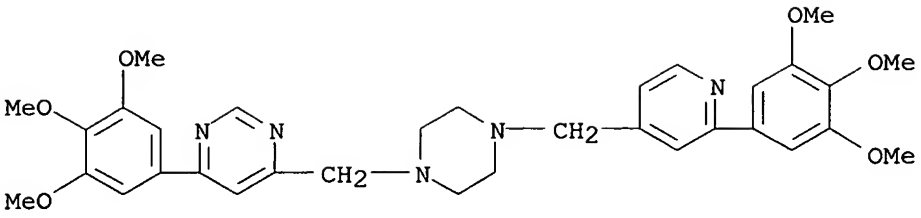
OS MARPAT 138:73276
IT **482375-40-6P 482375-41-7P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of unsym. N-[[(trimethoxyphenyl)pyridyl]methyl]piperazine and -homopiperazine derivs. as cell adhesion and infiltration inhibitors for prevention and treatment of allergy, asthma, rheumatism, arteriosclerosis, or inflammation)
RN 482375-40-6 CAPLUS
CN Pyrimidine, 4-(3,4,5-trimethoxyphenyl)-6-[[4-[[2-(3,4,5-trimethoxyphenyl)-4-pyridinyl]methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



RN 482375-41-7 CAPLUS
CN Pyrimidine, 4-(3,4,5-trimethoxyphenyl)-6-[[4-[[2-(3,4,5-trimethoxyphenyl)-4-pyridinyl]methyl]-1-piperazinyl]methyl]-, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

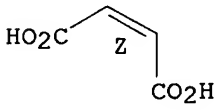
CRN 482375-40-6
CMF C33 H39 N5 O6



CM 2

CRN 110-16-7
CMF C4 H4 O4

Double bond geometry as shown.

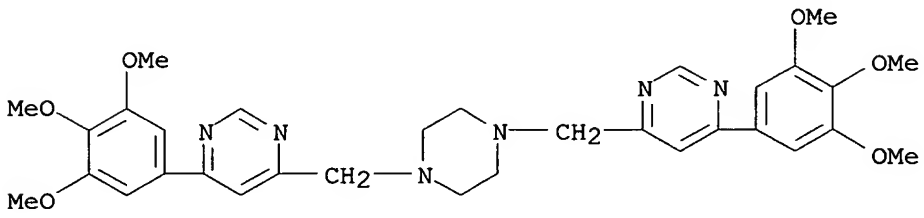


RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:22852 CAPLUS
DN 138:89829
TI Preparation of disubstituted cyclic diamines as cell adhesion and cell infiltration inhibitors for treatment of allergy, asthma, rheumatism, and arteriosclerosis
IN Kodama, Tatsuhiko; Tamura, Masahiro; Oda, Toshiaki; Yamazaki, Yukiyoshi; Nishikawa, Masahiro; Doi, Takeshi; Kyotani, Yoshinori
PA Kowa Co., Ltd., Japan
SO PCT Int. Appl., 72 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003002535	A1	20030109	WO 2002-JP6489	20020627
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 6509329	B1	20030121	US 2001-893697	20010629
	CA 2451240	AA	20030109	CA 2002-2451240	20020627
	EP 1403249	A1	20040331	EP 2002-736188	20020627
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	CN 1520400	A	20040811	CN 2002-812821	20020627
PRAI	US 2001-893697	A	20010629		
	WO 2002-JP6489	W	20020627		

OS MARPAT 138:89829
IT **482629-87-8P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of disubstituted cyclic diamines as cell adhesion and cell infiltration inhibitors for treatment of allergy, asthma, rheumatism, and arteriosclerosis)
RN 482629-87-8 CAPLUS
CN Pyrimidine, 4,4'-[1,4-piperazinediylbis(methylene)]bis[6-(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)



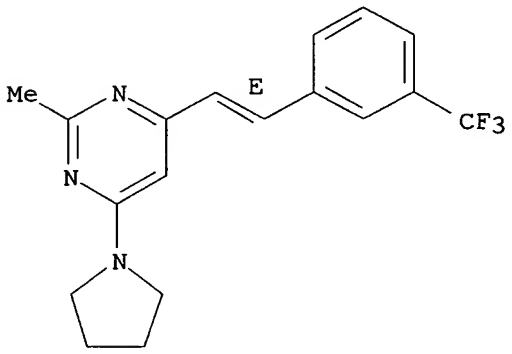
RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 16 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2002:368460 CAPLUS
DN 136:369732
TI Preparation of vinylpyrimidinamines as Neuropeptide Y receptor ligands.
IN Breu, Volker; Dautzenberg, Frank; Mattei, Patrizio; Neidhart, Werner; Pflieger, Philippe
PA F. Hoffman-La Roche A.-G., Switz.
SO PCT Int. Appl., 59 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002038551	A1	20020516	WO 2001-EP12818	20011106
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2427350	AA	20020516	CA 2001-2427350	20011106
	AU 2002027905	A5	20020521	AU 2002-27905	20011106
	EP 1335906	A1	20030820	EP 2001-989438	20011106
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	BR 2001015045	A	20040203	BR 2001-15045	20011106
	JP 2004524279	T2	20040812	JP 2002-541086	20011106
	US 2002086858	A1	20020704	US 2001-8166	20011108
	US 6657060	B2	20031202		
	ZA 2003002970	A	20040715	ZA 2003-2970	20030415
PRAI	EP 2000-124610	A	20001110		
	WO 2001-EP12818	W	20011106		

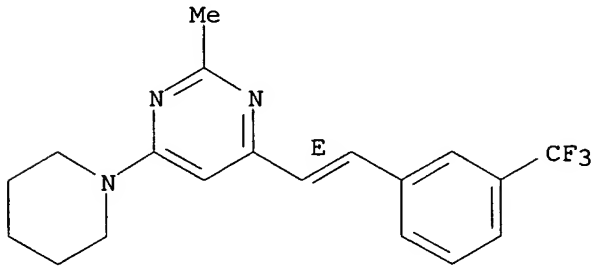
OS MARPAT 136:369732
IT **425423-52-5P 425423-54-7P 425423-56-9P**
425423-59-2P 425423-63-8P 425423-65-0P
425423-69-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of vinylpyrimidinamines as Neuropeptide Y receptor ligands)
RN 425423-52-5 CAPLUS
CN Pyrimidine, 2-methyl-4-(1-pyrrolidinyl)-6-[(1E)-2-[3-(trifluoromethyl)phenyl]ethenyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



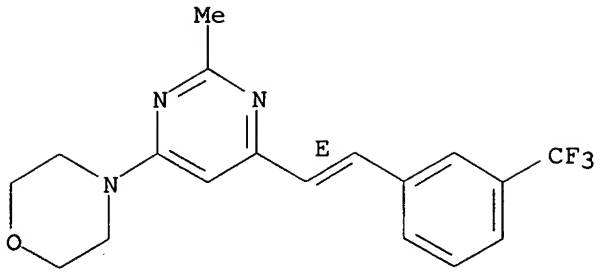
RN 425423-54-7 CAPLUS
CN Pyrimidine, 2-methyl-4-(1-piperidinyl)-6-[(1E)-2-[3-(trifluoromethyl)phenyl]ethenyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



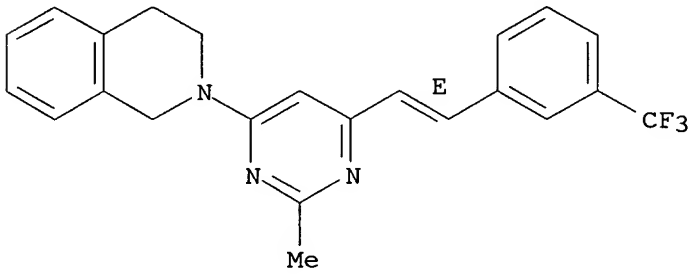
RN 425423-56-9 CAPLUS
CN Morpholine, 4-[2-methyl-6-[(1E)-2-[3-(trifluoromethyl)phenyl]ethenyl]-4-pyrimidinyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



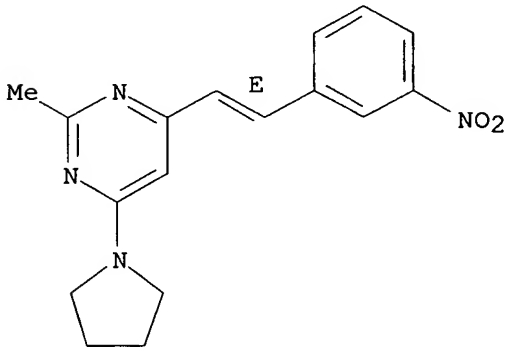
RN 425423-59-2 CAPLUS
CN Isoquinoline, 1,2,3,4-tetrahydro-2-[2-methyl-6-[(1E)-2-[3-(trifluoromethyl)phenyl]ethenyl]-4-pyrimidinyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



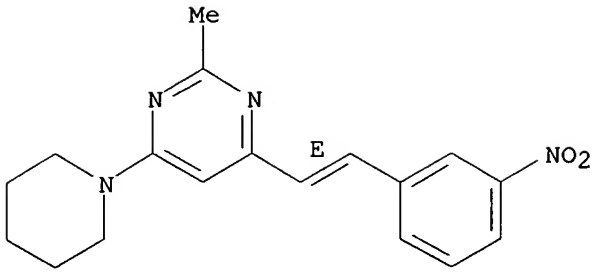
RN 425423-63-8 CAPLUS
CN Pyrimidine, 2-methyl-4-[(1E)-2-(3-nitrophenyl)ethenyl]-6-(1-pyrrolidinyl)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



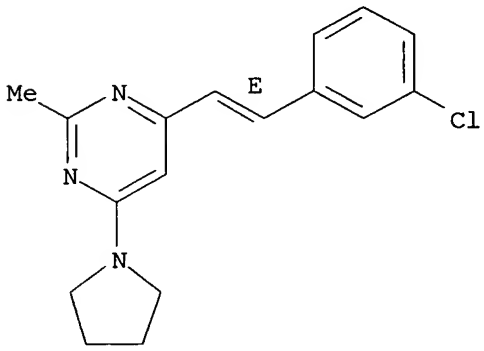
RN 425423-65-0 CAPLUS
CN Pyrimidine, 2-methyl-4-[(1E)-2-(3-nitrophenyl)ethenyl]-6-(1-piperidinyl)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 425423-69-4 CAPLUS
CN Pyrimidine, 4-[(1E)-2-(3-chlorophenyl)ethenyl]-2-methyl-6-(1-pyrrolidinyl)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2001:798196 CAPLUS
DN 135:344382
TI Preparation of arylbiphenylpropanoates and analogs for treatment of prostaglandin E-mediated disorders
IN Gallant, Michel; Lachance, Nicholas; Labelle, Marc; Zamboni, Robert; Juteau, Helene; Gareau, Yves; Lacombe, Patrick
PA Merck Frosst Canada & Co., Can.
SO PCT Int. Appl., 77 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081312	A2	20011101	WO 2001-CA563	20010423
	WO 2001081312	A3	20020808		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,

BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

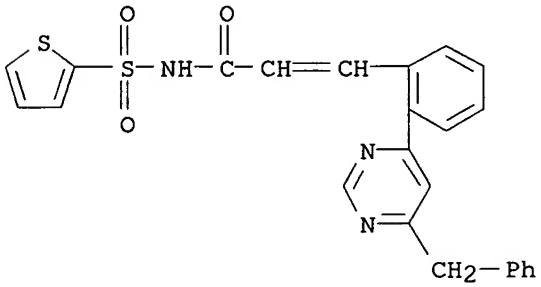
CA 2405170	AA	20011101	CA 2001-2405170	20010423
EP 1278734	A2	20030129	EP 2001-927526	20010423
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003531194	T2	20031021	JP 2001-578407	20010423
US 2002082266	A1	20020627	US 2001-840942	20010424
US 6627656	B2	20030930		
PRAI US 2000-199299P	P	20000424		
WO 2001-CA563	W	20010423		

OS MARPAT 135:344382

IT **371147-72-7P 371147-73-8P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of arylbiphenylpropanoates and analogs for treatment of prostaglandin E-mediated disorders)

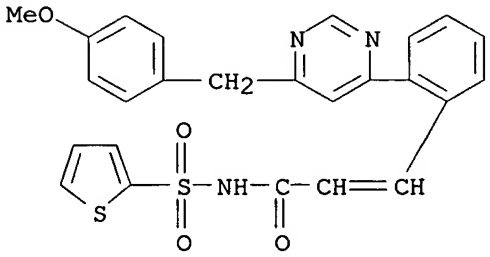
RN 371147-72-7 CAPLUS

CN 2-Propenamide, 3-[2-[6-(phenylmethyl)-4-pyrimidinyl]phenyl]-N-(2-thienylsulfonyl)- (9CI) (CA INDEX NAME)



RN 371147-73-8 CAPLUS

CN 2-Propenamide, 3-[2-[6-[(4-methoxyphenyl)methyl]-4-pyrimidinyl]phenyl]-N-(2-thienylsulfonyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 18 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2001:167989 CAPLUS

DN 134:207824

TI Preparation of anilide compounds and herbicides

IN Adachi, Michiaki; Mizukoshi, Takashi; Maeda, Kazushige; Kita, Hiroshi; Akiyama, Shigeaki; Nakahira, Kunimitsu; Ohki, Tooru; Hamada, Nobuyuki; Watanabe, Shigeomi

PA Nissan Chemical Industries, Ltd., Japan

SO PCT Int. Appl., 175 pp.
CODEN: PIXXD2

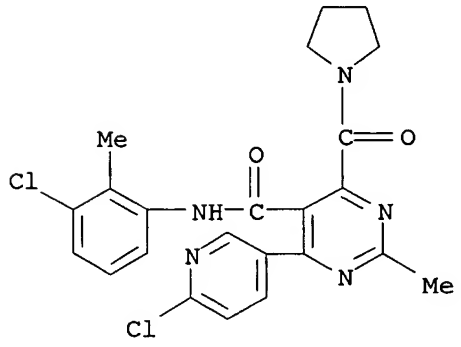
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001016129	A1	20010308	WO 2000-JP5887	20000830
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	JP 2001316376	A2	20011113	JP 2000-260475	20000830
PRAI	JP 1999-244816	A	19990831		
	JP 2000-58365	A	20000303		

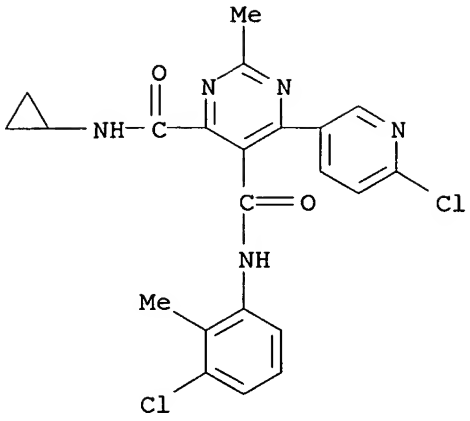
OS MARPAT 134:207824

IT **328931-80-2P 328931-81-3P 328931-85-7P**
328931-87-9P 328931-94-8P 328931-95-9P
328931-98-2P 328932-01-0P 328932-03-2P
328932-04-3P 328932-06-5P 328932-10-1P
328932-12-3P 328932-16-7P 328932-18-9P
328932-21-4P 328932-24-7P 328932-29-2P
328932-37-2P 328932-38-3P 328932-44-1P
328932-48-5P 328932-51-0P 328932-55-4P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-phenylpyrimidinecarboxamide derivs. as herbicides)

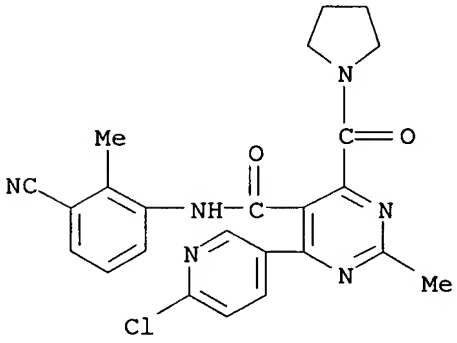
RN 328931-80-2 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2-methylphenyl)-4-(6-chloro-3-pyridinyl)-2-methyl-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)



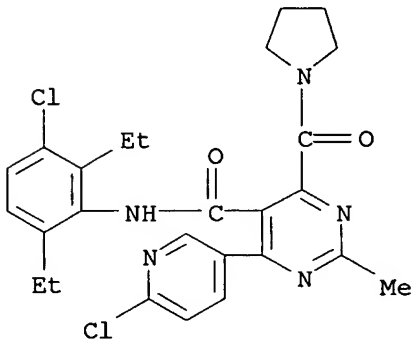
RN 328931-81-3 CAPLUS
CN 4,5-Pyrimidinedicarboxamide, N5-(3-chloro-2-methylphenyl)-6-(6-chloro-3-pyridinyl)-N4-cyclopropyl-2-methyl- (9CI) (CA INDEX NAME)



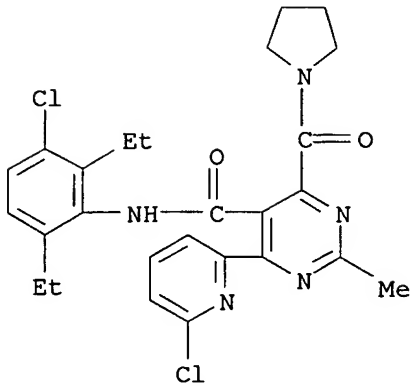
RN 328931-85-7 CAPLUS
CN 5-Pyrimidinecarboxamide, 4-(6-chloro-3-pyridinyl)-N-(3-cyano-2-methylphenyl)-2-methyl-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)



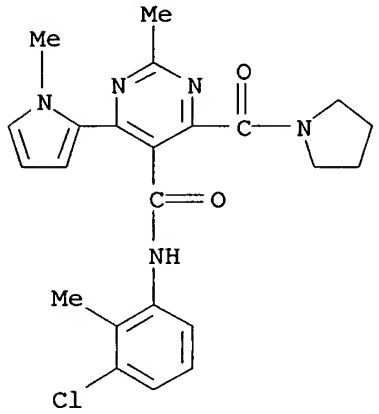
RN 328931-87-9 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-4-(6-chloro-3-pyridinyl)-2-methyl-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)



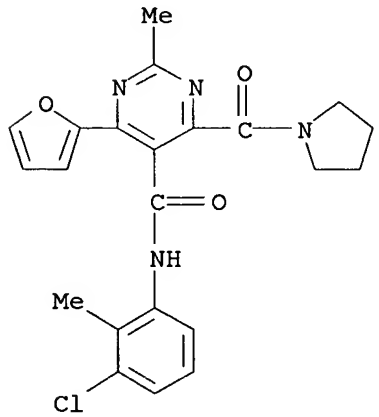
RN 328931-94-8 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-4-(6-chloro-2-pyridinyl)-2-methyl-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)



RN 328931-95-9 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2-methylphenyl)-2-methyl-4-(1-methyl-1H-pyrrol-2-yl)-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)

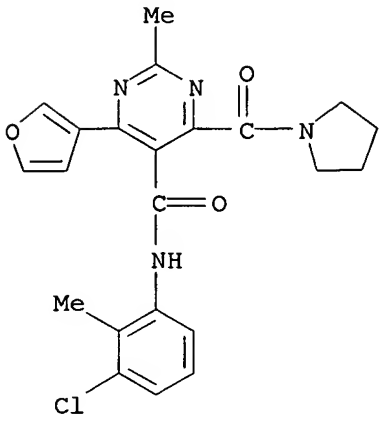


RN 328931-98-2 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2-methylphenyl)-4-(2-furanyl)-2-methyl-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)

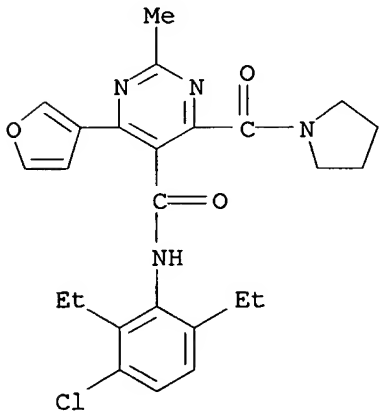


RN 328932-01-0 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2-methylphenyl)-4-(3-furanyl)-2-

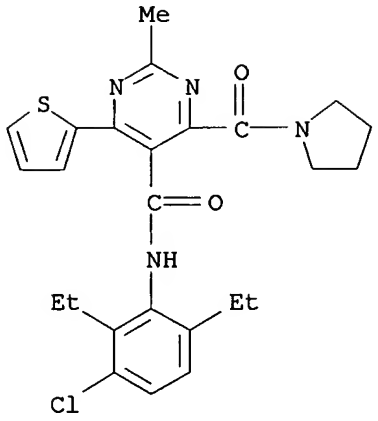
methyl-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)



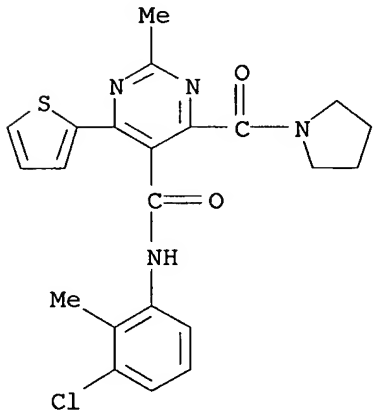
RN 328932-03-2 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-4-(3-furanyl)-2-methyl-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)



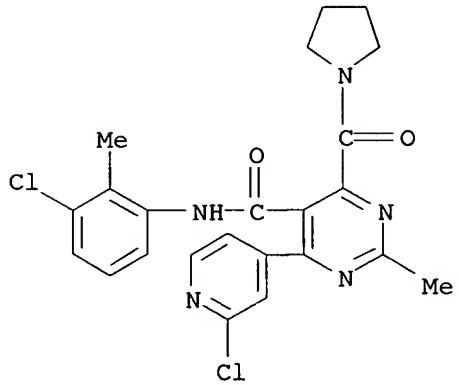
RN 328932-04-3 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-2-methyl-4-(1-pyrrolidinylcarbonyl)-6-(2-thienyl)- (9CI) (CA INDEX NAME)



RN 328932-06-5 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2-methylphenyl)-2-methyl-4-(1-pyrrolidinylcarbonyl)-6-(2-thienyl)- (9CI) (CA INDEX NAME)

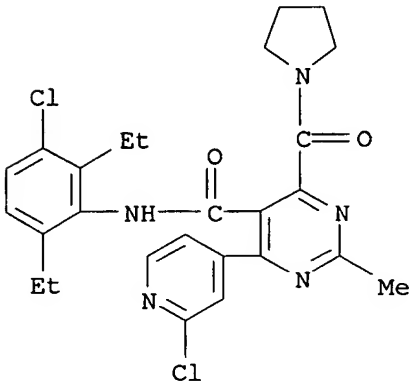


RN 328932-10-1 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2-methylphenyl)-4-(2-chloro-4-pyridinyl)-2-methyl-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)



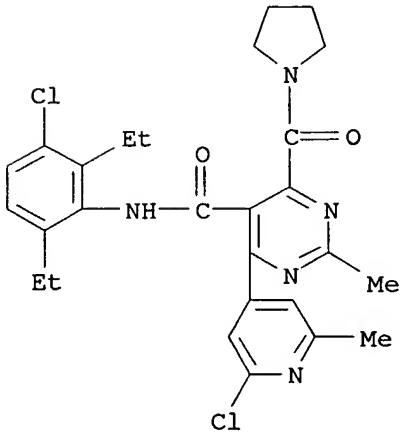
RN 328932-12-3 CAPLUS

CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-4-(2-chloro-4-pyridinyl)-2-methyl-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)



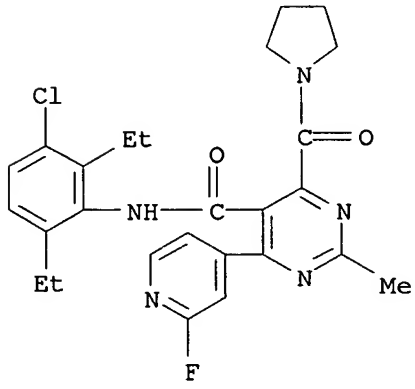
RN 328932-16-7 CAPLUS

CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-4-(2-chloro-6-methyl-4-pyridinyl)-2-methyl-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)

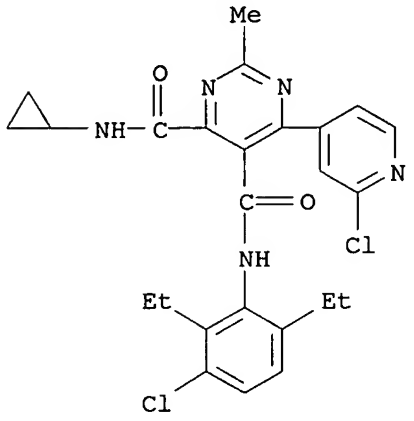


RN 328932-18-9 CAPLUS

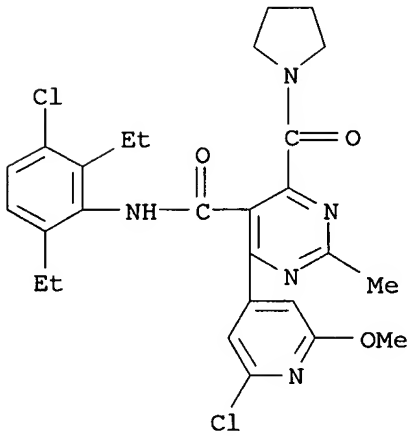
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-4-(2-fluoro-4-pyridinyl)-2-methyl-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)



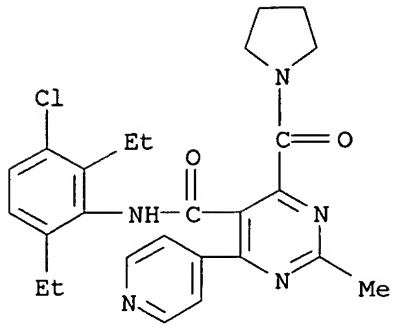
RN 328932-21-4 CAPLUS
CN 4,5-Pyrimidinedicarboxamide, N5-(3-chloro-2,6-diethylphenyl)-6-(2-chloro-4-pyridinyl)-N4-cyclopropyl-2-methyl- (9CI) (CA INDEX NAME)



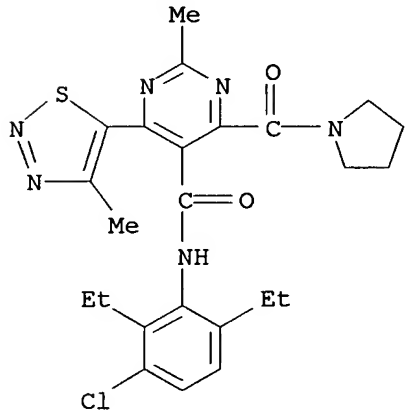
RN 328932-24-7 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-4-(2-chloro-6-methoxy-4-pyridinyl)-2-methyl-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)



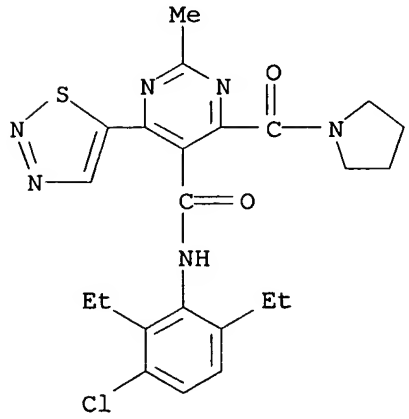
RN 328932-29-2 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-2-methyl-4-(4-pyridinyl)-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)



RN 328932-37-2 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-2-methyl-4-(4-methyl-1,2,3-thiadiazol-5-yl)-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)

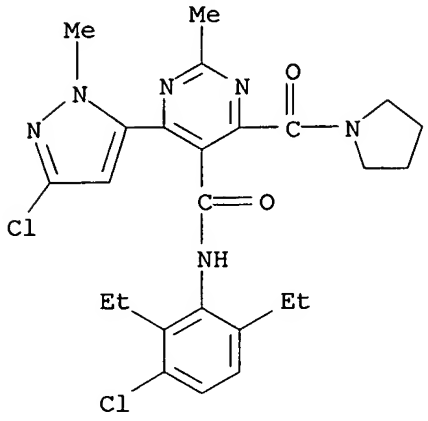


RN 328932-38-3 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-2-methyl-4-(1-pyrrolidinylcarbonyl)-6-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)

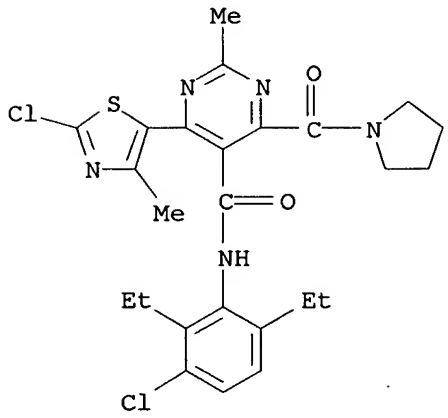


RN 328932-44-1 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-4-(3-chloro-1-

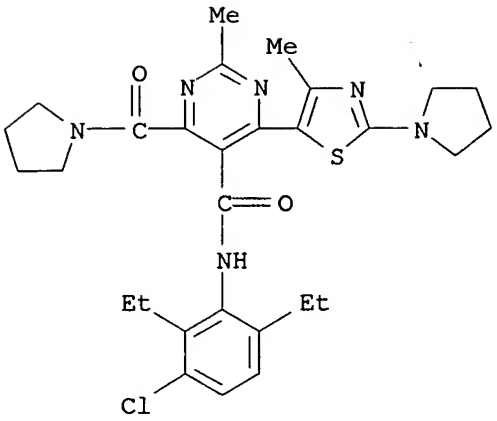
methyl-1H-pyrazol-5-yl)-2-methyl-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)



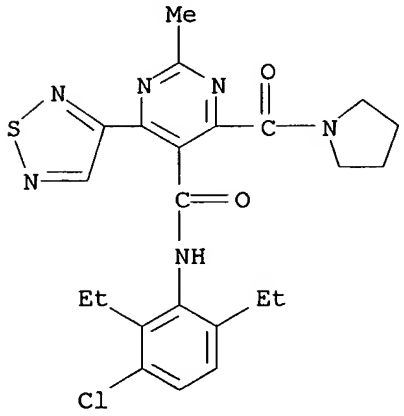
RN 328932-48-5 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-4-(2-chloro-4-methyl-5-thiazolyl)-2-methyl-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)



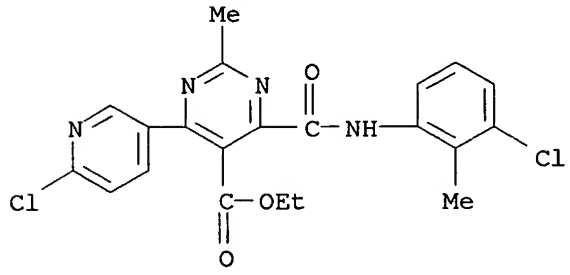
RN 328932-51-0 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-2-methyl-4-[4-methyl-2-(1-pyrrolidinyl)-5-thiazolyl]-6-(1-pyrrolidinylcarbonyl)- (9CI) (CA INDEX NAME)



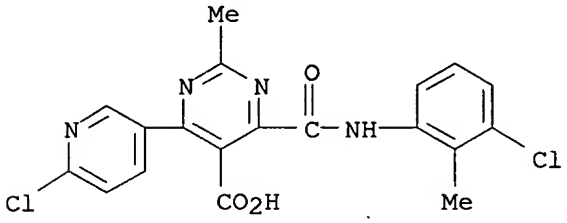
RN 328932-55-4 CAPLUS
CN 5-Pyrimidinecarboxamide, N-(3-chloro-2,6-diethylphenyl)-2-methyl-4-(1-pyrrolidinylcarbonyl)-6-(1,2,5-thiadiazol-3-yl)- (9CI) (CA INDEX NAME)



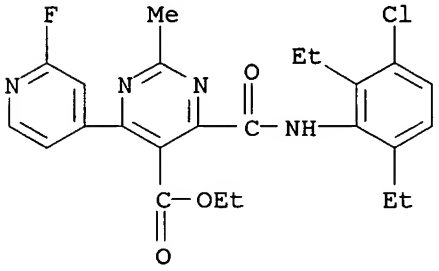
IT **328932-58-7P 328932-59-8P 328932-64-5P**
328932-65-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of N-phenylpyrimidinecarboxamide derivs. as herbicides)
RN 328932-58-7 CAPLUS
CN 5-Pyrimidinecarboxylic acid, 4-[[(3-chloro-2-methylphenyl)amino]carbonyl]-6-(6-chloro-3-pyridinyl)-2-methyl-, ethyl ester (9CI) (CA INDEX NAME)



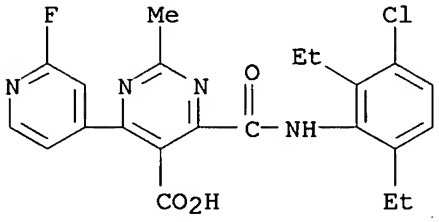
RN 328932-59-8 CAPLUS
CN 5-Pyrimidinecarboxylic acid, 4-[[(3-chloro-2-methylphenyl)amino]carbonyl]-6-(6-chloro-3-pyridinyl)-2-methyl- (9CI) (CA INDEX NAME)



RN 328932-64-5 CAPLUS
CN 5-Pyrimidinecarboxylic acid, 4-[[(3-chloro-2,6-diethylphenyl)amino]carbonyl]-6-(2-fluoro-4-pyridinyl)-2-methyl-, ethyl ester (9CI) (CA INDEX NAME)



RN 328932-65-6 CAPLUS
CN 5-Pyrimidinecarboxylic acid, 4-[[(3-chloro-2,6-diethylphenyl)amino]carbonyl]-6-(2-fluoro-4-pyridinyl)-2-methyl- (9CI) (CA INDEX NAME)



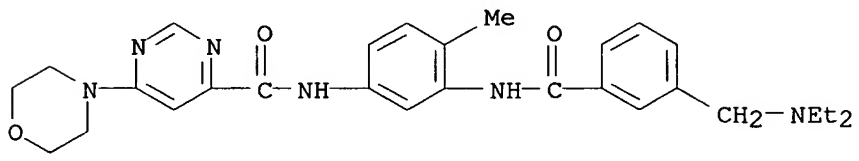
RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 19 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2000:227634 CAPLUS
DN 132:265091
TI Preparation of N-(benzamidophenyl)pyridinecarboxamides and analogs as cytokine production inhibitors
IN Brown, Dearg Sutherland; Brown, George Robert
PA Zeneca Limited, UK
SO PCT Int. Appl., 138 pp.

CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000018738	A1	20000406	WO 1999-GB3144	19990921
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2340454	AA	20000406	CA 1999-2340454	19990921
AU 9961034	A1	20000417	AU 1999-61034	19990921
AU 761361	B2	20030605		
BR 9913947	A	20010612	BR 1999-13947	19990921
EP 1115707	A1	20010718	EP 1999-947653	19990921
EP 1115707	B1	20031112		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
TR 200100840	T2	20011022	TR 2001-200100840	19990921
JP 2002525358	T2	20020813	JP 2000-572198	19990921
NZ 509836	A	20030630	NZ 1999-509836	19990921
AT 254105	E	20031115	AT 1999-947653	19990921
RU 2219171	C2	20031220	RU 2001-111320	19990921
PT 1115707	T	20040430	PT 1999-947653	19990921
ES 2211172	T3	20040701	ES 1999-947653	19990921
ZA 2001002185	A	20020618	ZA 2001-2185	20010315
NO 2001001492	A	20010523	NO 2001-1492	20010323
NO 318800	B1	20050509		
US 6455520	B1	20020924	US 2001-787882	20010323
HK 1038556	A1	20040430	HK 2001-107980	20011113
PRAI GB 1998-20770	A	19980925		
GB 1998-26938	A	19981209		
GB 1999-5969	A	19990317		
WO 1999-GB3144	W	19990921		

OS MARPAT 132:265091
IT **263269-57-4P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-(benzamidophenyl)pyridinecarboxamides and analogs as cytokine production inhibitors)
RN 263269-57-4 CAPLUS
CN 4-Pyrimidinecarboxamide, N-[3-[[3-[(diethylamino)methyl]benzoyl]amino]-4-methylphenyl]-6-(4-morpholinyl)- (9CI) (CA INDEX NAME)

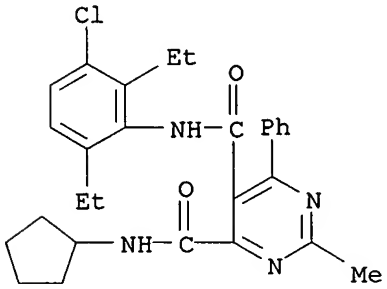


RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

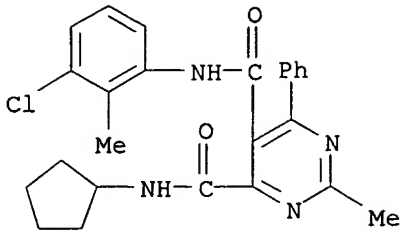
L4 ANSWER 20 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1999:576911 CAPLUS
DN 131:199705
TI Preparation of heterocyclic anilides as herbicides
IN Akiyama, Shigeaki; Kondo, Yasuo; Adachi, Michiaki; Mizukoshi, Takashi; Watanabe, Shigeomi; Akiyoshi, Chiaki; Ohki, Tooru; Nakahira, Kunimitsu
PA Nissan Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 256 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9944992	A1	19990910	WO 1999-JP1048	19990304
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9927458	A1	19990920	AU 1999-27458	19990304
PRAI	JP 1998-53485	A	19980305		
	JP 1998-165661	A	19980612		
	JP 1998-268025	A	19980922		
	WO 1999-JP1048	W	19990304		

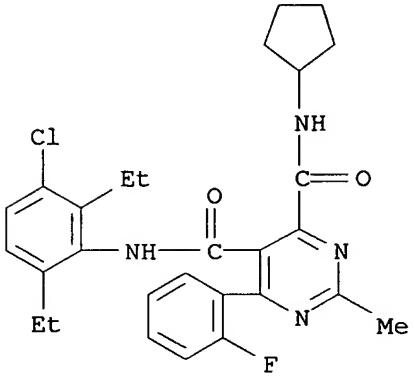
OS MARPAT 131:199705
IT **241469-44-3P 241469-46-5P 241469-52-3P**
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heterocyclic anilides as herbicides)
RN 241469-44-3 CAPLUS
CN 4,5-Pyrimidinedicarboxamide, N5-(3-chloro-2,6-diethylphenyl)-N4-cyclopentyl-2-methyl-6-phenyl- (9CI) (CA INDEX NAME)



RN 241469-46-5 CAPLUS
CN 4,5-Pyrimidinedicarboxamide, N5-(3-chloro-2-methylphenyl)-N4-cyclopentyl-2-methyl-6-phenyl- (9CI) (CA INDEX NAME)



RN 241469-52-3 CAPLUS
CN 4,5-Pyrimidinedicarboxamide, N5-(3-chloro-2,6-diethylphenyl)-N4-cyclopentyl-6-(2-fluorophenyl)-2-methyl- (9CI) (CA INDEX NAME)



RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 21 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1999:244638 CAPLUS
DN 130:311813
TI Preparation of piperazinylisoquinolines and analogs as serotonin antagonists
IN Ueno, Kohshi; Sasaki, Atsushi; Kawano, Koki; Okabe, Tadashi; Kitazawa, Noritaka; Takahashi, Keiko; Yamamoto, Noboru; Suzuki, Yuichi; Matsunaga, Manabu; Kubota, Atsuhiko
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 740 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9918077	A1	19990415	WO 1998-JP4465	19981002
	W: US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	JP 2000053647	A2	20000222	JP 1998-281752	19981002
	EP 1020445	A1	20000719	EP 1998-945593	19981002
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	US 6340759	B1	20020122	US 2000-509778	20000331
	US 2002013460	A1	20020131	US 2001-852850	20010511
	US 6790844	B2	20040914		

	US 2004204421	A1	20041014	US 2004-796673	20040310
	US 6875761	B2	20050405		
PRAI	JP 1997-284290	A	19971002		
	JP 1998-153416	A	19980602		
	WO 1998-JP4465	W	19981002		
	US 2000-509778	A3	20000331		
	US 2001-852850	A3	20010511		

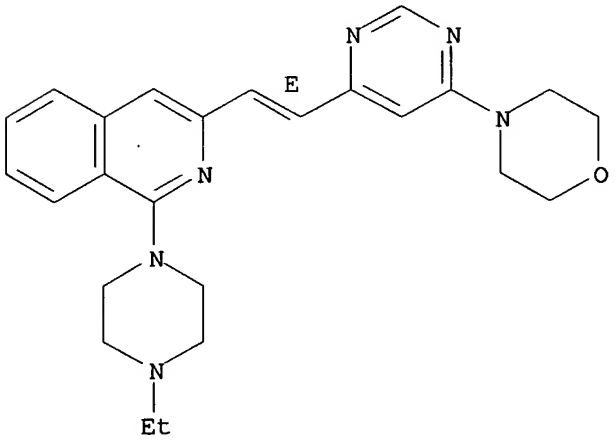
OS MARPAT 130:311813

IT **223544-75-0P 223544-76-1P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of piperazinylisoquinolines and analogs as serotonin antagonists)

RN 223544-75-0 CAPLUS

CN Isoquinoline, 1-(4-ethyl-1-piperazinyl)-3-[(1E)-2-[6-(4-morpholinyl)-4-pyrimidinyl]ethenyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



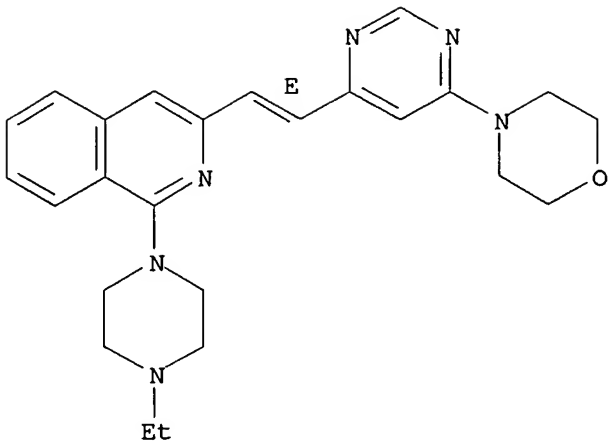
RN 223544-76-1 CAPLUS

CN Isoquinoline, 1-(4-ethyl-1-piperazinyl)-3-[(1E)-2-[6-(4-morpholinyl)-4-pyrimidinyl]ethenyl]-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

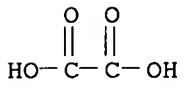
CRN 223544-75-0
CMF C25 H30 N6 O

Double bond geometry as shown.



CM 2

CRN 144-62-7
CMF C2 H2 O4



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 22 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1997:384244 CAPLUS
DN 127:5105
TI Preparation of amino substituted pyrimidines and triazines as CRF receptor antagonists
IN Webb, Thomas R.; Moran, Terence J.; Mccarthy, James R.
PA Janssen Pharmaceutica N.V., Belg.; Neurocrine Biosciences, Inc.; Webb, Thomas R.; Moran, Terence J.; Mccarthy, James R.
SO PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9714684	A1	19970424	WO 1996-EP4478	19961015
W: AL, AM, AU, BB, BG, BR, CA, CN, CZ, EE, GE, HU, IL, IS, JP, KG, KR, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2229710	AA	19970424	CA 1996-2229710	19961015
AU 9672929	A1	19970507	AU 1996-72929	19961015
AU 703096	B2	19990318		
EP 863882	A1	19980916	EP 1996-934690	19961015
EP 863882	B1	20020206		

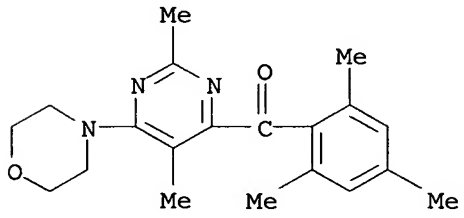
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO

JP 11513678	T2	19991124	JP 1996-515515	19961015
AT 212987	E	20020215	AT 1996-934690	19961015
PT 863882	T	20020731	PT 1996-934690	19961015
ES 2172681	T3	20021001	ES 1996-934690	19961015
ZA 9608732	A	19980416	ZA 1996-8732	19961016
TW 378206	B	20000101	TW 1996-85112616	19961016
NO 9801623	A	19980609	NO 1998-1623	19980408
NO 310771	B1	20010827		
US 6288060	B1	20010911	US 1998-51672	19980415
HK 1012189	A1	20020510	HK 1998-113365	19981215
PRAI US 1995-5687P	P	19951017		
WO 1996-EP4478	W	19961015		

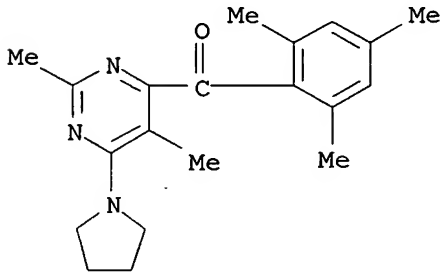
OS CASREACT 127:5105; MARPAT 127:5105

IT **190084-18-5P 190084-19-6P 190084-75-4P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of amino substituted pyrimidines and triazines as CRF receptor antagonists)

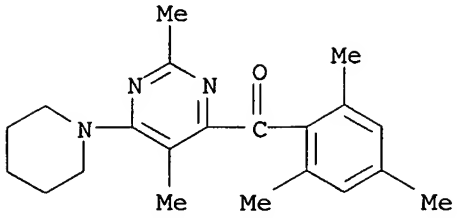
RN 190084-18-5 CAPLUS
CN Methanone, [2,5-dimethyl-6-(4-morpholinyl)-4-pyrimidinyl](2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)



RN 190084-19-6 CAPLUS
CN Methanone, [2,5-dimethyl-6-(1-pyrrolidinyl)-4-pyrimidinyl](2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)



RN 190084-75-4 CAPLUS
CN Methanone, [2,5-dimethyl-6-(1-piperidinyl)-4-pyrimidinyl](2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)

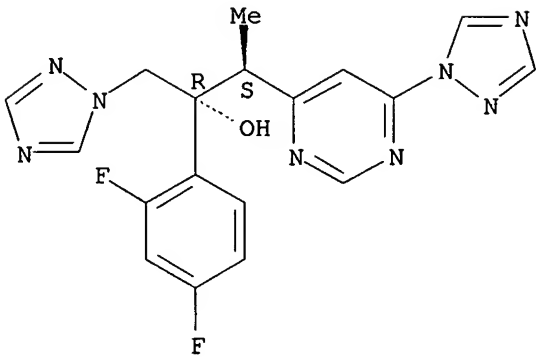


L4 ANSWER 23 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1997:204068 CAPLUS
DN 126:186093
TI Preparation of 1-(1,2,4-triazol-1-yl)butan-2-ols as antifungal agents
IN Bell, Andrew Simon; Fray, Michael Jonathan; Marchington, Alan Patrick; Richardson, Kenneth; Stephenson, Peter Thomas; Whittle, Peter John
PA Pfizer Research and Development Company, N.V./s.A., Ire.; Pfizer Limited; Pfizer Inc.; Bell, Andrew Simon; Fray, Michael Jonathan; Marchington, Allan Patrick; Richardson, Kenneth; Stephenson, Peter Thomas; Whittle, Peter John
SO PCT Int. Appl., 187 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9701552	A1	19970116	WO 1996-EP2470	19960605
	W: AU, BR, CA, CN, CZ, HU, JP, KR, MX, NO, NZ, PL, RU, SG, TR, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2224983	AA	19970116	CA 1996-2224983	19960605
	CA 2224983	C	20030408		
	AU 9663010	A1	19970130	AU 1996-63010	19960605
	AU 697405	B2	19981008		
	EP 835252	A1	19980415	EP 1996-921941	19960605
	EP 835252	B1	20030730		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	JP 10506652	T2	19980630	JP 1996-504121	19960605
	CN 1189162	A	19980729	CN 1996-195096	19960605
	BR 9609298	A	19990518	BR 1996-9298	19960605
	JP 3105926	B2	20001106	JP 1997-504121	19960605
	AT 246186	E	20030815	AT 1996-921941	19960605
	PT 835252	T	20031128	PT 1996-921941	19960605
	ES 2202453	T3	20040401	ES 1996-921941	19960605
	ZA 9605365	A	19971229	ZA 1996-5365	19960625
	US 6015825	A	20000118	US 1997-983006	19971219
	NO 9706047	A	19980225	NO 1997-6047	19971222
PRAI	GB 1995-12961	A	19950626		
	WO 1996-EP2470	W	19960605		

OS MARPAT 126:186093
IT **187615-88-9P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 1-(1,2,4-triazol-1-yl)butan-2-ols as antifungal agents)
RN 187615-88-9 CAPLUS
CN 4-Pyrimidineethanol, α-(2,4-difluorophenyl)-β-methyl-6-(1H-1,2,4-triazol-1-yl)-α-(1H-1,2,4-triazol-1-ylmethyl)-, (R*,S*)- (9CI) (CA INDEX NAME)

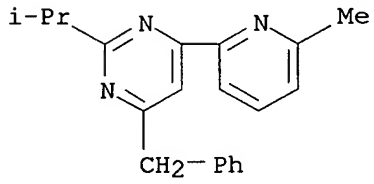
Relative stereochemistry.



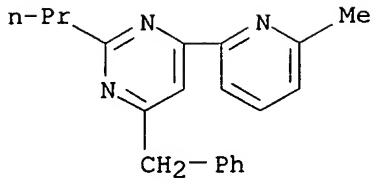
L4 ANSWER 24 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1992:407954 CAPLUS
DN 117:7954
TI Preparation of 4-(pyrid-2-yl)pyrimidines as agrochemical fungicides
IN Hoffmann, Michael; Braun, Peter; Sachse, Burkhard; Wicke, Heinrich
PA Hoechst A.-G., Germany
SO Ger. Offen., 23 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 4031798	A1	19920409	DE 1990-4031798	19901008
PRAI DE 1990-4031798		19901008		

OS MARPAT 117:7954
IT **141919-66-6P 141919-75-7P**
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as agrochem. fungicide)
RN 141919-66-6 CAPLUS
CN Pyrimidine, 2-(1-methylethyl)-4-(6-methyl-2-pyridinyl)-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



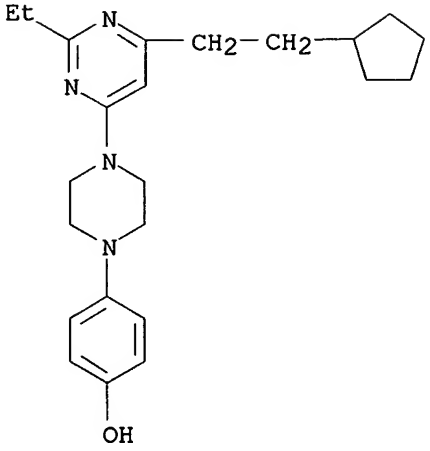
RN 141919-75-7 CAPLUS
CN Pyrimidine, 4-(6-methyl-2-pyridinyl)-6-(phenylmethyl)-2-propyl- (9CI) (CA INDEX NAME)



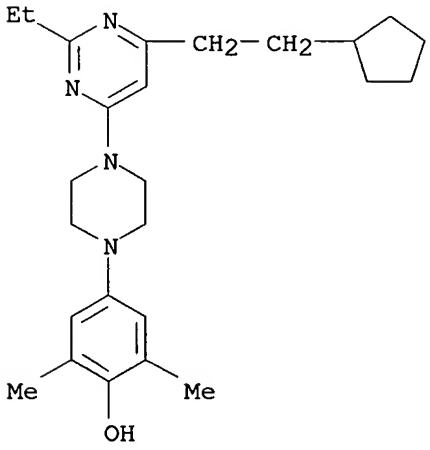
L4 ANSWER 25 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1988:56101 CAPLUS
DN 108:56101
TI Preparation of 2-(azolylmethyl)-2-aryl-4-[(piperazinylphenoxy)methyl]-1,3-dioxolanes as antimycotics and fungicides
IN Kampe, Klaus Dieter; Raether, Wolfgang; Dittmar, Walter; Haenel, Heinz
PA Hoechst A.-G., Fed. Rep. Ger.
SO Ger. Offen., 37 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3609596	A1	19871001	DE 1986-3609596	19860321
	EP 237963	A2	19870923	EP 1987-103589	19870312
	EP 237963	A3	19890322		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	IL 81934	A1	19901223	IL 1987-81934	19870318
	HU 47102	A2	19890130	HU 1987-1219	19870319
	US 4824846	A	19890425	US 1987-28087	19870319
	DK 8701439	A	19870922	DK 1987-1439	19870320
	NO 8701167	A	19870922	NO 1987-1167	19870320
	AU 8770421	A1	19870924	AU 1987-70421	19870320
	AU 590691	B2	19891109		
	JP 62240680	A2	19871021	JP 1987-64429	19870320
	ZA 8702055	A	19871028	ZA 1987-2055	19870320
	CA 1290333	A1	19911008	CA 1987-532657	19870320
PRAI	DE 1986-3609596	A	19860321		

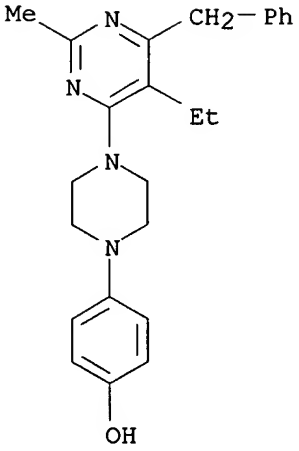
IT **112189-79-4P 112189-80-7P 112189-88-5P 112189-89-6P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, in preparation of dioxolane antimycotics)
RN 112189-79-4 CAPLUS
CN Phenol, 4-[4-[6-(2-cyclopentylethyl)-2-ethyl-4-pyrimidinyl]-1-piperazinyl]- (9CI) (CA INDEX NAME)



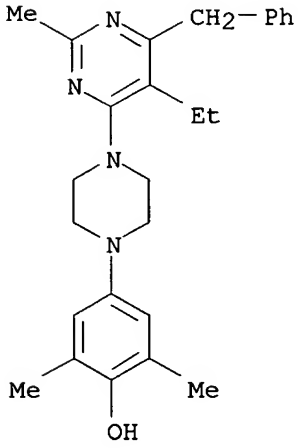
RN 112189-80-7 CAPLUS
CN Phenol, 4-[4-[6-(2-cyclopentylethyl)-2-ethyl-4-pyrimidinyl]-1-piperazinyl]-2,6-dimethyl- (9CI) (CA INDEX NAME)



RN 112189-88-5 CAPLUS
CN Phenol, 4-[4-[5-ethyl-2-methyl-6-(phenylmethyl)-4-pyrimidinyl]-1-piperazinyl]- (9CI) (CA INDEX NAME)



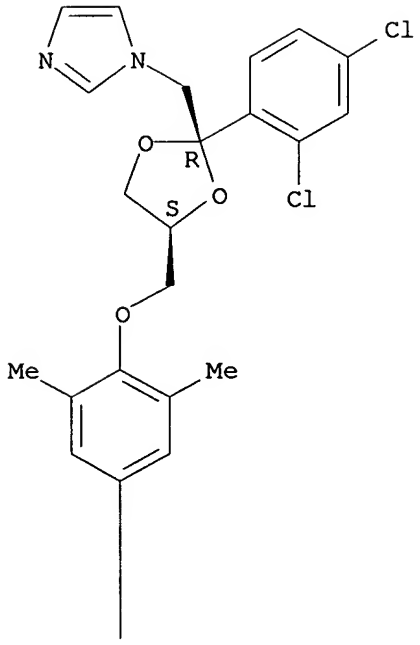
RN 112189-89-6 CAPLUS
CN Phenol, 4-[4-[5-ethyl-2-methyl-6-(phenylmethyl)-4-pyrimidinyl]-1-piperazinyl]-2,6-dimethyl- (9CI) (CA INDEX NAME)



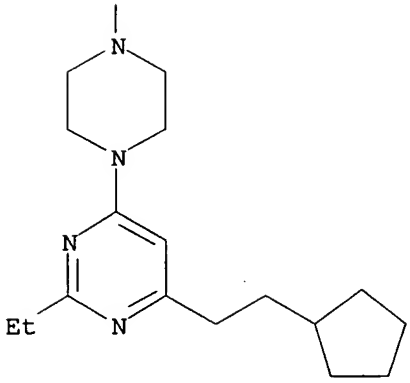
IT **112237-05-5P 112237-07-7P 112237-16-8P**
112237-40-8P 112237-41-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as antimycotic and fungicide)
RN 112237-05-5 CAPLUS
CN Pyrimidine, 4-(2-cyclopentylethyl)-6-[4-[4-[[2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]-3,5-dimethylphenyl]-1-piperazinyl]-2-ethyl-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



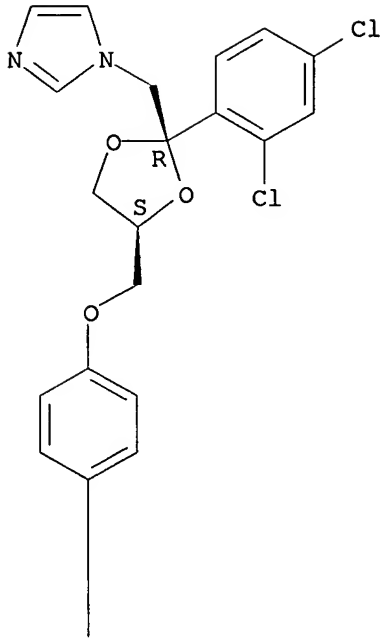
PAGE 2-A



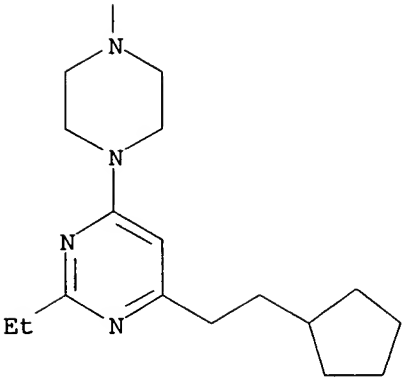
RN 112237-07-7 CAPLUS
CN Pyrimidine, 4-(2-cyclopentylethyl)-6-[4-[4-[[2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-1-piperazinyl]-2-ethyl-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

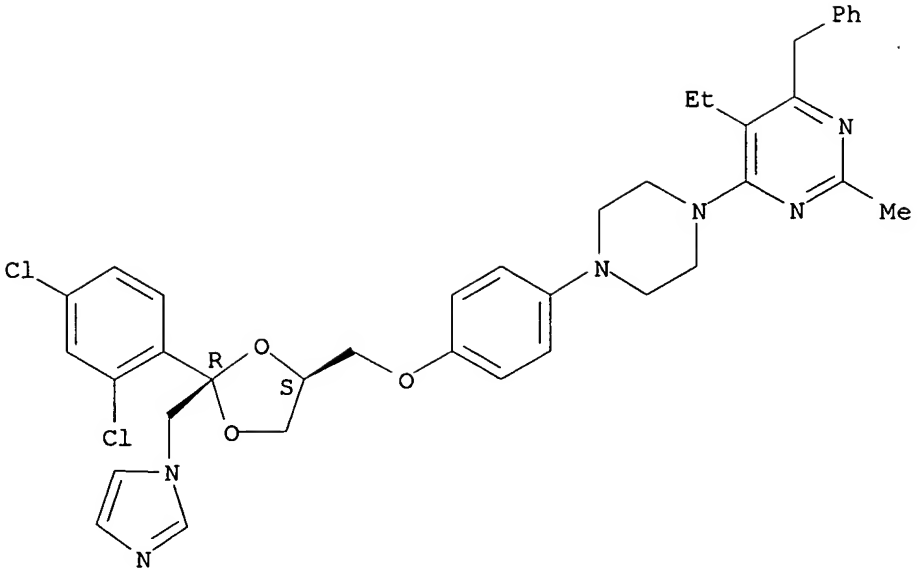


PAGE 2-A



RN 112237-16-8 CAPLUS
CN Pyrimidine, 4-[4-[4-[[2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-1-piperazinyl]-5-ethyl-2-methyl-6-(phenylmethyl)-, cis- (9CI) (CA INDEX NAME)

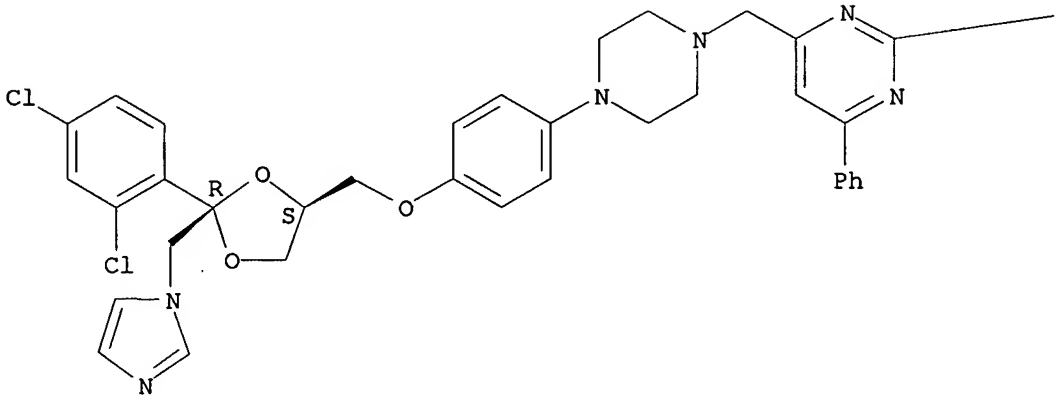
Relative stereochemistry.



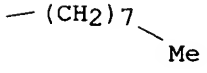
RN 112237-40-8 CAPLUS
CN Pyrimidine, 4-[[4-[4-[[2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-1-piperazinyl]methyl]-2-octyl-6-phenyl-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



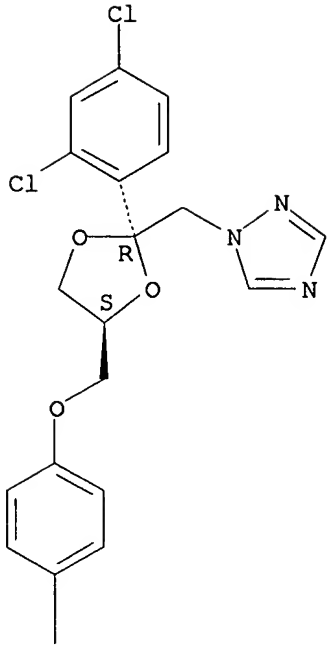
PAGE 1-B



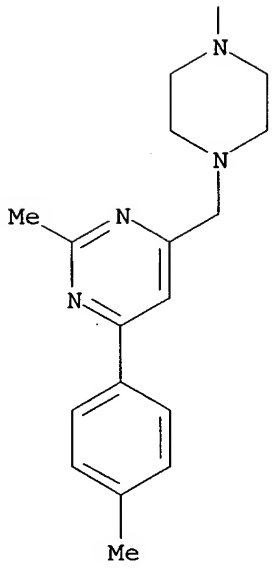
RN 112237-41-9 CAPLUS
CN Pyrimidine, 4-[[4-[4-[[2-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-1-piperazinyl]methyl]-2-methyl-6-(4-methylphenyl)-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 2-A

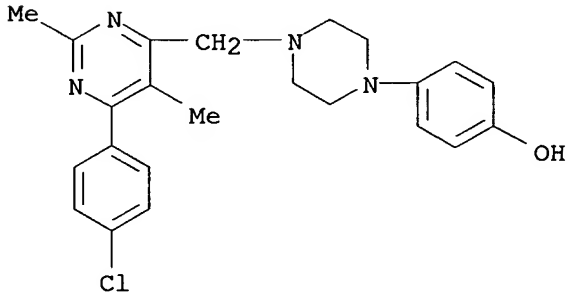


L4 ANSWER 26 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1988:21928 CAPLUS
DN 108:21928
TI Preparation of azolylaryl(piperazinylphenoxy)dioxolanes as medical fungicides
IN Kampe, Klaus Dieter; Raether, Wolfgang; Dittmar, Walter; Haenel, Heinz
PA Hoechst A.-G., Fed. Rep. Ger.
SO Ger. Offen., 49 pp.

CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3609598	A1	19871001	DE 1986-3609598	19860321
	EP 237962	A2	19870923	EP 1987-103588	19870312
	EP 237962	A3	19890322		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	FI 8701206	A	19870922	FI 1987-1206	19870319
	ZA 8702021	A	19871028	ZA 1987-2021	19870319
	HU 48236	A2	19890529	HU 1987-1220	19870319
	US 4859670	A	19890822	US 1987-28193	19870319
	DK 8701440	A	19870922	DK 1987-1440	19870320
	NO 8701165	A	19870922	NO 1987-1165	19870320
	AU 8770422	A1	19870924	AU 1987-70422	19870320
	AU 590692	B2	19891109		
	JP 62230781	A2	19871009	JP 1987-64427	19870320
	IL 81950	A1	19910630	IL 1987-81950	19870320
	CA 1294280	A1	19920114	CA 1987-532655	19870320
PRAI	DE 1986-3609598	A	19860321		

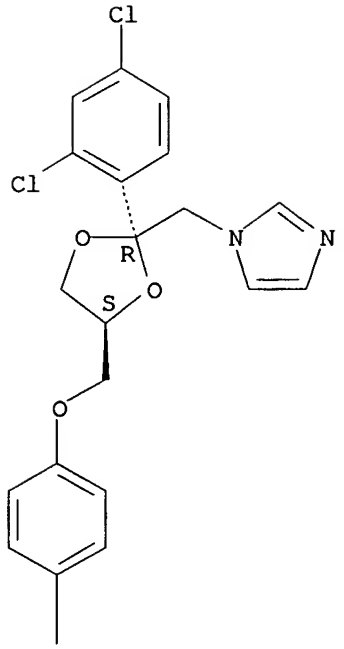
IT **111921-59-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as intermediate for medicinal fungicide)
RN 111921-59-6 CAPLUS
CN Phenol, 4-[4-[[6-(4-chlorophenyl)-2,5-dimethyl-4-pyrimidinyl]methyl]-1-piperazinyl]- (9CI) (CA INDEX NAME)



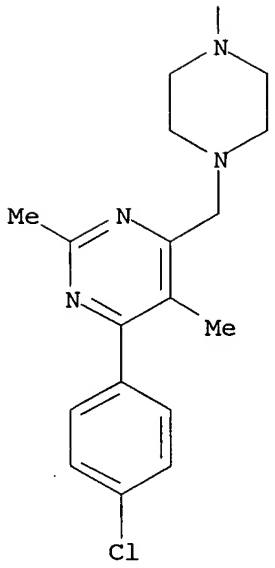
IT **111920-77-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as medicinal fungicide)
RN 111920-77-5 CAPLUS
CN Pyrimidine, 4-(4-chlorophenyl)-6-[[4-[4-[[2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-1-piperazinyl]methyl]-2,5-dimethyl-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



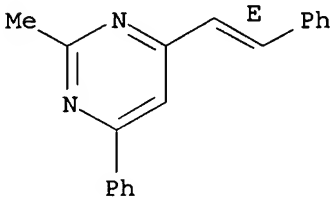
PAGE 2-A



L4 ANSWER 27 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1984:591828 CAPLUS
DN 101:191828
TI Studies on pyrimidine derivatives. XXXVI. Reaction of 6-substituted 2,4-dimethylpyrimidines with benzaldehyde in the presence of zinc chloride
AU Sakamoto, Takao; Yoshizawa, Hiroshi; Yamanaka, Hiroshi

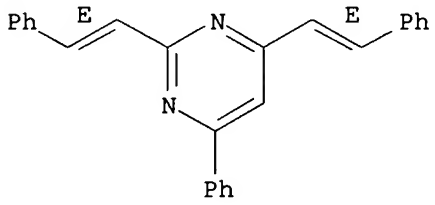
CS Pharm. Inst., Tohoku Univ., Aobayama, 980, Japan
SO Chemical & Pharmaceutical Bulletin (1984), 32(5), 2005-10
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
OS CASREACT 101:191828
IT **92675-52-0P 92675-53-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 92675-52-0 CAPLUS
CN Pyrimidine, 2-methyl-4-phenyl-6-(2-phenylethenyl)-, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

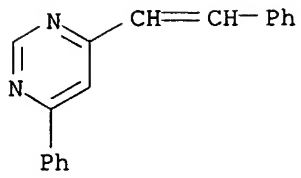


RN 92675-53-1 CAPLUS
CN Pyrimidine, 4-phenyl-2,6-bis(2-phenylethenyl)-, (E,E)- (9CI) (CA INDEX NAME)

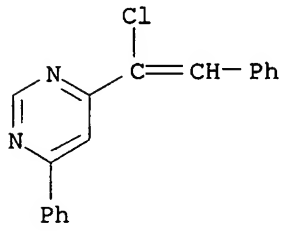
Double bond geometry as shown.



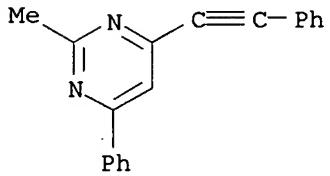
L4 ANSWER 28 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1984:455053 CAPLUS
DN 101:55053
TI Reductive formation of pyrimidinylmethylenephosphoranes by reaction of trichloromethylpyrimidines with triphenylphosphine
AU Konno, Shoetsu; Sato, Yumi; Sakamoto, Takao; Katagiri, Nobuya; Yamanaka, Hiroshi
CS Pharm. Inst., Tohoku Univ., Sendai, 980, Japan
SO Heterocycles (1984), 22(6), 1331-4
CODEN: HTCYAM; ISSN: 0385-5414
DT Journal
LA English
OS CASREACT 101:55053
IT **22114-36-9P 91021-29-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 22114-36-9 CAPLUS
CN Pyrimidine, 4-phenyl-6-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



RN 91021-29-3 CAPLUS
CN Pyrimidine, 4-(1-chloro-2-phenylethenyl)-6-phenyl- (9CI) (CA INDEX NAME)

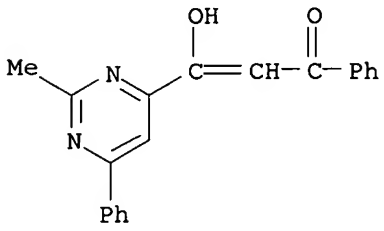


L4 ANSWER 29 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1982:582337 CAPLUS
DN 97:182337
TI Studies on pyrimidine derivatives. XXVII. Synthesis of 2- and 4-pyrimidinyl ketones by means of the hydration of alkynylpyrimidines
AU Tanji, Kenichi; Sakamoto, Takao; Yamanaka, Hiroshi
CS Pharm. Inst., Tohoku Univ., Sendai, 980, Japan
SO Chemical & Pharmaceutical Bulletin (1982), 30(5), 1865-7
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
OS CASREACT 97:182337
IT **83407-48-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 83407-48-1 CAPLUS
CN Pyrimidine, 2-methyl-4-phenyl-6-(phenylethynyl)- (9CI) (CA INDEX NAME)

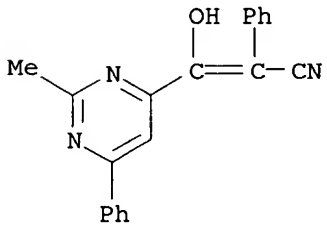


L4 ANSWER 30 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1982:455764 CAPLUS
DN 97:55764
TI Studies on pyrimidine derivatives. XXVI. Synthesis of derivatives containing a 1,3-dicarbonyl side chain
AU Sakamoto, Takao; Tanji, Kenichi; Yamanaka, Hiroshi
CS Pharm. Inst., Tohoku Univ., Sendai, 980, Japan
SO Chemical & Pharmaceutical Bulletin (1982), 30(3), 1033-5
CODEN: CPBTAL; ISSN: 0009-2363

DT Journal
LA English
OS CASREACT 97:55764
IT **82436-89-3P 82436-90-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 82436-89-3 CAPLUS
CN 2-Propen-1-one, 3-hydroxy-3-(2-methyl-6-phenyl-4-pyrimidinyl)-1-phenyl-
(9CI) (CA INDEX NAME)

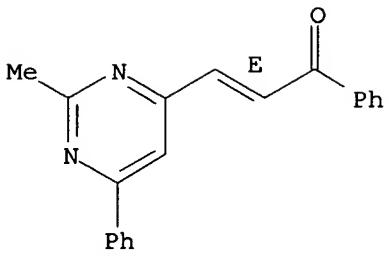


RN 82436-90-6 CAPLUS
CN Benzeneacetonitrile, α-[hydroxy(2-methyl-6-phenyl-4-
pyrimidinyl)methylene]- (9CI) (CA INDEX NAME)

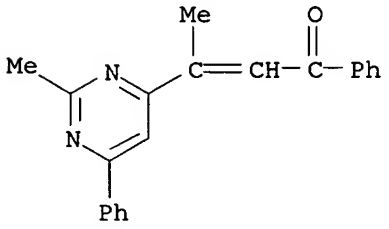


L4 ANSWER 31 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1982:423729 CAPLUS
DN 97:23729
TI Studies on pyrimidine derivatives. XXV. Reaction of pyrimidinyl
aldehydes and ketones with Wittig reagents
AU Sakamoto, Takao; Tanji, Kenichi; Yamanaka, Hiroshi
CS Pharm. Inst., Tohoku Univ., Sendai, 980, Japan
SO Chemical & Pharmaceutical Bulletin (1982), 30(2), 610-14
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
OS CASREACT 97:23729
IT **82236-14-4P 82236-19-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 82236-14-4 CAPLUS
CN 2-Propen-1-one, 3-(2-methyl-6-phenyl-4-pyrimidinyl)-1-phenyl-, (E)- (9CI)
(CA INDEX NAME)

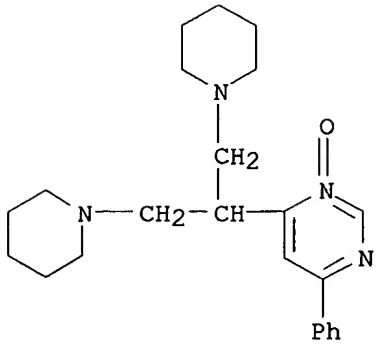
Double bond geometry as shown.



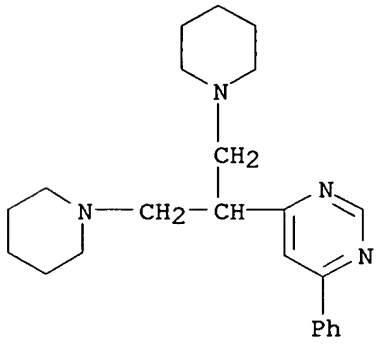
RN 82236-19-9 CAPLUS
CN 2-Buten-1-one, 3-(2-methyl-6-phenyl-4-pyrimidinyl)-1-phenyl- (9CI) (CA INDEX NAME)



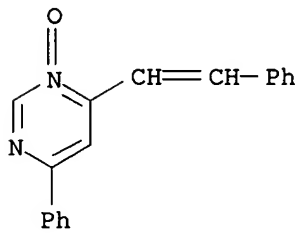
L4 ANSWER 32 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1981:121441 CAPLUS
DN 94:121441
TI Studies on pyrimidine derivatives. XVIII. Reaction of active methyl groups on pyrimidine N-oxides
AU Yamanaka, Hiroshi; Ogawa, Shigeru; Konno, Shoetsu
CS Pharm. Inst., Tohoku Univ., Sendai, 980, Japan
SO Chemical & Pharmaceutical Bulletin (1980), 28(5), 1526-33
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
OS CASREACT 94:121441
IT **76132-89-3P 76132-93-9P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and hydrolysis of)
RN 76132-89-3 CAPLUS
CN Pyrimidine, 4-phenyl-6-[2-(1-piperidinyl)-1-(1-piperidinylmethyl)ethyl]-, 1-oxide (9CI) (CA INDEX NAME)



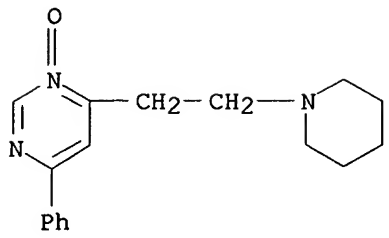
RN 76132-93-9 CAPLUS
CN Pyrimidine, 4-phenyl-6-[2-(1-piperidinyl)-1-(1-piperidinylmethyl)ethyl]- (9CI) (CA INDEX NAME)



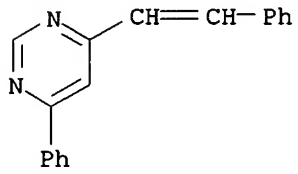
IT **76132-81-5P 76132-91-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reduction of)
RN 76132-81-5 CAPLUS
CN Pyrimidine, 4-phenyl-6-(2-phenylethenyl)-, 1-oxide (9CI) (CA INDEX NAME)



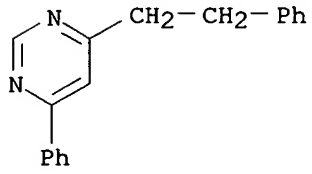
RN 76132-91-7 CAPLUS
CN Pyrimidine, 4-phenyl-6-[2-(1-piperidinyl)ethyl]-, 1-oxide (9CI) (CA INDEX NAME)



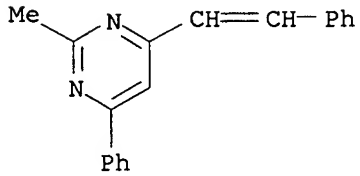
IT **22114-36-9P 76132-82-6P 76132-85-9P**
76132-95-1P 76132-97-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 22114-36-9 CAPLUS
CN Pyrimidine, 4-phenyl-6-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



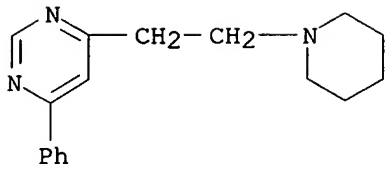
RN 76132-82-6 CAPLUS
CN Pyrimidine, 4-phenyl-6-(2-phenylethyl)- (9CI) (CA INDEX NAME)



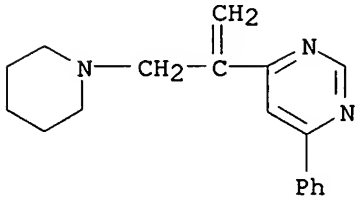
RN 76132-85-9 CAPLUS
CN Pyrimidine, 2-methyl-4-phenyl-6-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



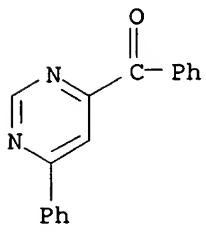
RN 76132-95-1 CAPLUS
CN Pyrimidine, 4-phenyl-6-[2-(1-piperidinyl)ethyl]- (9CI) (CA INDEX NAME)



RN 76132-97-3 CAPLUS
CN Pyrimidine, 4-phenyl-6-[1-(1-piperidinylmethyl)ethenyl]- (9CI) (CA INDEX NAME)

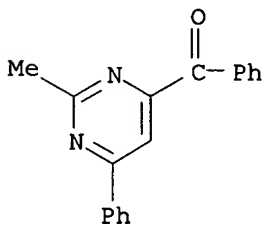


L4 ANSWER 33 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1981:15666 CAPLUS
DN 94:15666
TI Studies on pyrimidine derivatives. XVI. Site selectivity in the homolytic substitution of simple pyrimidines
AU Sakamoto, Takao; Sakasai, Takeji; Yamanaka, Hiroshi
CS Pharm. Inst., Tohoku Univ., Sendai, 980, Japan
SO Chemical & Pharmaceutical Bulletin (1980), 28(2), 571-7
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
OS CASREACT 94:15666
IT **67074-00-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and Wolfe-Kishner reduction of)
RN 67074-00-4 CAPLUS
CN Methanone, phenyl(6-phenyl-4-pyrimidinyl)- (9CI) (CA INDEX NAME)

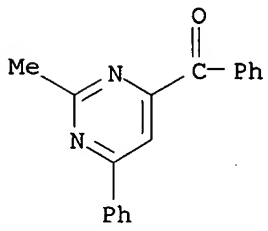


L4 ANSWER 34 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1980:495228 CAPLUS
DN 93:95228
TI Homolytic carbon-carbon bond formation on pyrimidine derivatives
AU Sakamoto, Takao; Sakasai, Takeji; Ono, Takayasu; Yamanaka, Hiroshi
CS Pharm. Inst., Tohoku Univ., Sendai, 980, Japan

SO Fukusokan Kagaku Toronkai Koen Yoshishu, 12th (1979), 181-5 Publisher: Kitasato Daigaku Yakugakubu, Tokyo, Japan.
CODEN: 42VCA9
DT Conference
LA Japanese
IT **73937-28-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 73937-28-7 CAPLUS
CN Methanone, (2-methyl-6-phenyl-4-pyrimidinyl)phenyl- (9CI) (CA INDEX NAME)

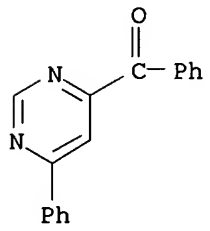


L4 ANSWER 35 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1980:408121 CAPLUS
DN 93:8121
TI Studies on pyrimidine derivatives. XV. Homolytic acylation and amidation of simply substituted pyrimidines
AU Sakamoto, Takao; Ono, Takayasu; Sakasai, Takeji; Yamanaka, Hiroshi
CS Pharm. Inst., Tohoku Univ., Sendai, 980, Japan
SO Chemical & Pharmaceutical Bulletin (1980), 28(1), 202-7
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
OS CASREACT 93:8121
IT **73937-28-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 73937-28-7 CAPLUS
CN Methanone, (2-methyl-6-phenyl-4-pyrimidinyl)phenyl- (9CI) (CA INDEX NAME)

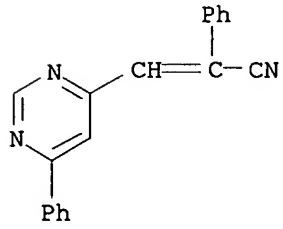


L4 ANSWER 36 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1978:443302 CAPLUS
DN 89:43302
TI Selectivity on the homolytic acylation of pyrimidine derivatives
AU Sakamoto, Takao; Sakasai, Takeji; Yamanaka, Hiroshi
CS Pharm. Inst., Tohoku Univ., Sendai, Japan
SO Heterocycles (1978), 9(4), 481-4
CODEN: HTCYAM; ISSN: 0385-5414

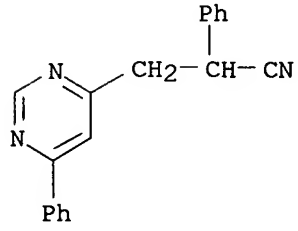
DT Journal
LA English
IT **67074-00-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 67074-00-4 CAPLUS
CN Methanone, phenyl(6-phenyl-4-pyrimidinyl)- (9CI) (CA INDEX NAME)



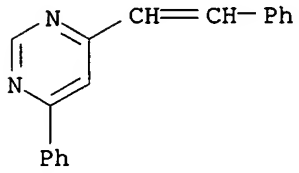
L4 ANSWER 37 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1971:540795 CAPLUS
DN 75:140795
TI Aminopyrrolo[1,2-c]pyrimidines. Novel ring cleavage
AU Irwin, W. J.; Wibberley, D. G.
CS Dep. Pharm., Univ. Aston, Birmingham, UK
SO Journal of the Chemical Society [Section] C: Organic (1971), (19), 3237-9
CODEN: JSOOAX; ISSN: 0022-4952
DT Journal
LA English
OS CASREACT 75:140795
IT **20957-27-1P 20957-28-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 20957-27-1 CAPLUS
CN 4-Pyrimidineacrylonitrile, α,6-diphenyl- (8CI) (CA INDEX NAME)



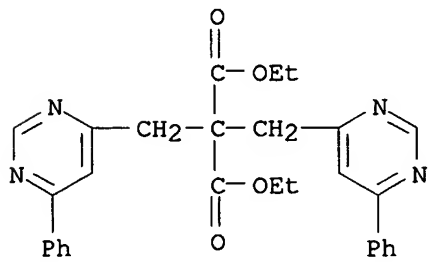
RN 20957-28-2 CAPLUS
CN 4-Pyrimidinepropionitrile, α,6-diphenyl- (8CI) (CA INDEX NAME)



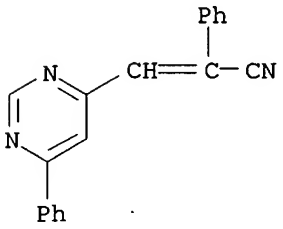
L4 ANSWER 38 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1969:87722 CAPLUS
DN 70:87722
TI Pyrimidines. VIII. Synthesis of quinazoline derivatives based on cyclohexanone
AU Sedova, V. F.; Mamaev, V. P.
CS Novosibirsk. Inst. Org. Khim., Novosibirsk, USSR
SO Khim. Geterotsikl. Soedin., Sb. 1: Azotsoderzhashchie Geterotsikly (1967), 349-53. Editor(s): Hillers, S. Publisher: Izd. "Zinatne", Riga, USSR.
CODEN: 20NNA2
DT Conference
LA Russian
IT **22114-36-9P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 22114-36-9 CAPLUS
CN Pyrimidine, 4-phenyl-6-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



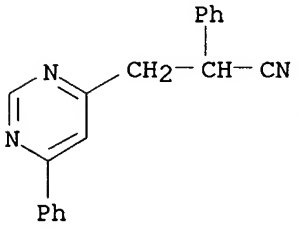
L4 ANSWER 39 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1969:4032 CAPLUS
DN 70:4032
TI Synthesis of pyrrolo[1,2-c]pyrimidines from 4-methyl-6-phenylpyrimidine
AU Taylor, John; Wibberley, Denman D.
CS Sch. Pharm., Sunderland Tech. Coll., Sunderland, UK
SO Journal of the Chemical Society [Section] C: Organic (1968), (21), 2693-7
CODEN: JSOOAX; ISSN: 0022-4952
DT Journal
LA English
OS CASREACT 70:4032
IT **20878-00-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 20878-00-6 CAPLUS
CN Malonic acid, bis[(6-phenyl-4-pyrimidinyl)methyl]-, diethyl ester (8CI) (CA INDEX NAME)



L4 ANSWER 40 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1969:4014 CAPLUS
DN 70:4014
TI A novel ring cleavage of pyrrolo[1,2-c]pyrimidines and indolizines
AU Irwin, W. J.; Wibberley, D. G.
CS Dep. Pharm., Univ. Aston, Birmingham, UK
SO Chemical Communications (London) (1968), No. 15, 878
CODEN: CCOMA8; ISSN: 0009-241X
DT Journal
LA English
OS CASREACT 70:4014
IT **20957-27-1P 20957-28-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 20957-27-1 CAPLUS
CN 4-Pyrimidineacrylonitrile, α,6-diphenyl- (8CI) (CA INDEX NAME)



RN 20957-28-2 CAPLUS
CN 4-Pyrimidinepropionitrile, α,6-diphenyl- (8CI) (CA INDEX NAME)

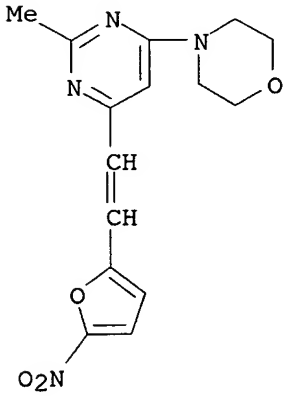


L4 ANSWER 41 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1967:421928 CAPLUS
DN 67:21928
TI 2(or 6)-Nitrofurylvinyl-4-substituted aminopyrimidines
IN Minami, Shinsaku; Fujita, Akio; Fujimoto, Katsuro; Takase, Yoshiyuki
PA Dainippon Pharmaceutical Co., Ltd.
SO Jpn. Tokkyo Koho, 2 pp.
CODEN: JAXXAD
DT Patent
LA Japanese
FAN.CNT 1

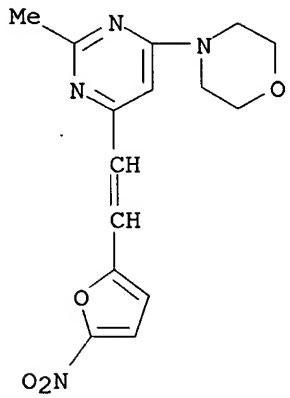
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 42004345	B4	19670222	JP	19640401

IT **4592-48-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 4592-48-7 CAPLUS
CN Morpholine, 4-[2-methyl-6-[2-(5-nitro-2-furyl)vinyl]-4-pyrimidinyl]- (7CI, 8CI) (CA INDEX NAME)

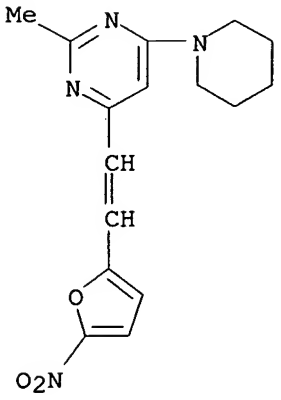


L4 ANSWER 42 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1966:19292 CAPLUS
DN 64:19292
OREF 64:3528c-h,3529a-b
TI Nitrofuran derivatives. IV. Synthesis of 2- and 4-[2-(5-nitro-2-furyl)vinyl]pyrimidine derivatives
AU Fujita, Akio; Yamamoto, Tadatsugu; Minami, Shinsaku; Takamatsu, Hideji
CS Dainippon Pharm. Co., Ltd., Osaka
SO Chemical & Pharmaceutical Bulletin (1965), 13(10), 1183-93
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
IT **4592-48-7**, Morpholine, 4-[2-methyl-6-[2-(5-nitro-2-furyl)vinyl]-4-pyrimidinyl]- **4994-70-1**, Pyrimidine, 2-methyl-4-[2-(5-nitro-2-furyl)vinyl]-6-piperidino-
(preparation of)
RN 4592-48-7 CAPLUS
CN Morpholine, 4-[2-methyl-6-[2-(5-nitro-2-furyl)vinyl]-4-pyrimidinyl]- (7CI, 8CI) (CA INDEX NAME)

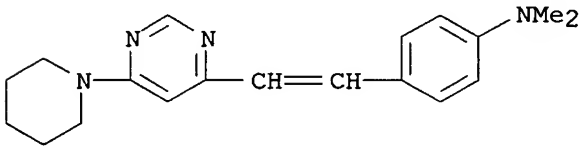


RN 4994-70-1 CAPLUS
CN Pyrimidine, 2-methyl-4-[2-(5-nitro-2-furyl)vinyl]-6-piperidino- (7CI, 8CI)

(CA INDEX NAME)



L4 ANSWER 43 OF 43 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1949:8391 CAPLUS
DN 43:8391
OREF 43:1780e-h
TI Condensation of p-dimethylaminobenzaldehyde with 4-methylpyrimidine derivatives
AU Brown, D. M.; Ross, W. C. J.
SO Journal of the Chemical Society, Abstracts (1948) 1715-16
CODEN: JCSAAZ; ISSN: 0590-9791
DT Journal
LA Unavailable
IT **857408-23-2**, Pyrimidine, 4-(p-dimethylaminostyryl)-6-piperidino- (preparation of)
RN 857408-23-2 CAPLUS
CN Pyrimidine, 4-(p-dimethylaminostyryl)-6-piperidino- (5CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	151.39	318.98

STN INTERNATIONAL LOGOFF AT 14:11:38 ON 20 JAN 2006